

FIG. 1

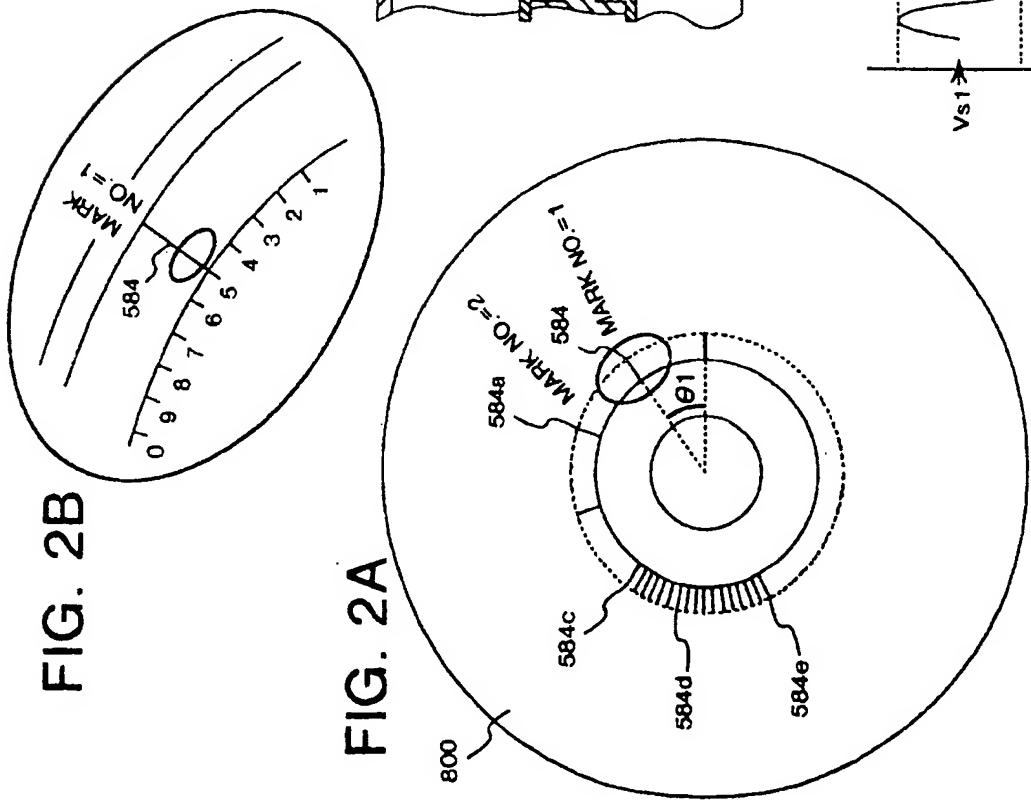


FIG. 2C

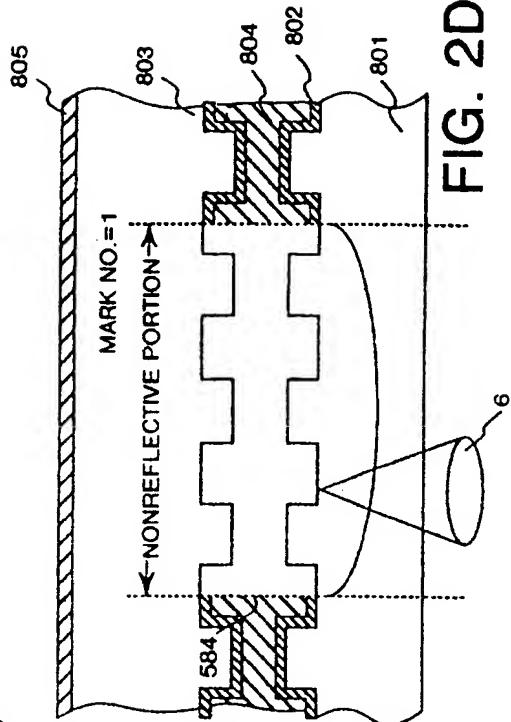
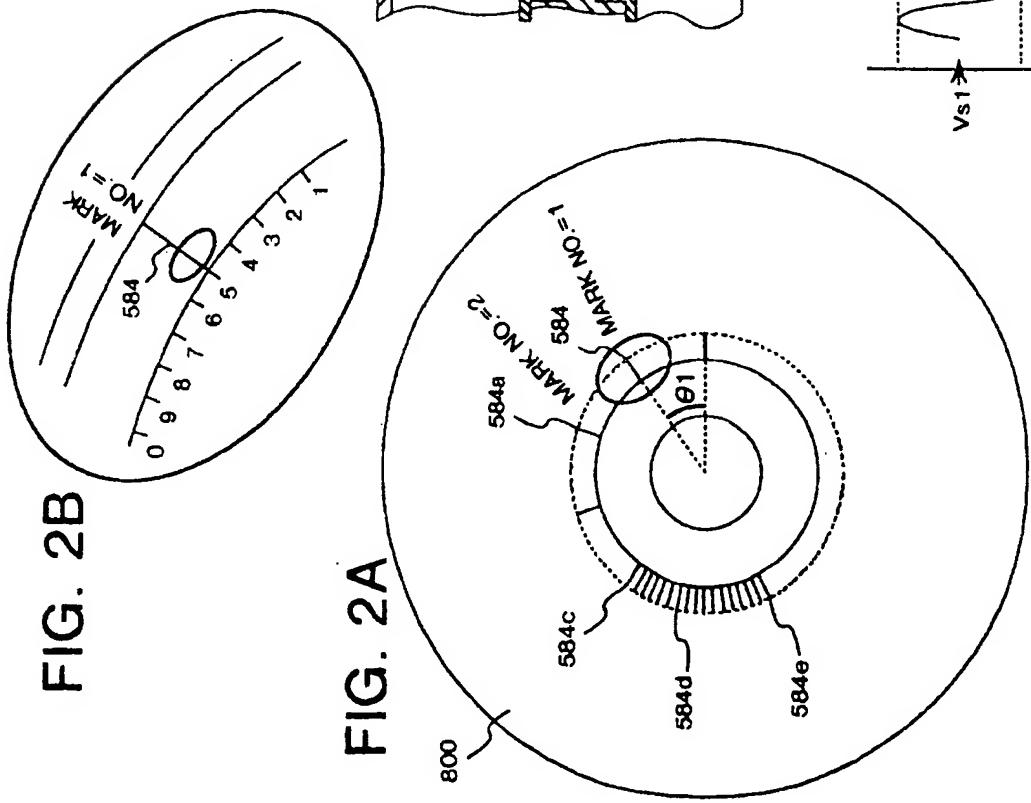


FIG. 2D

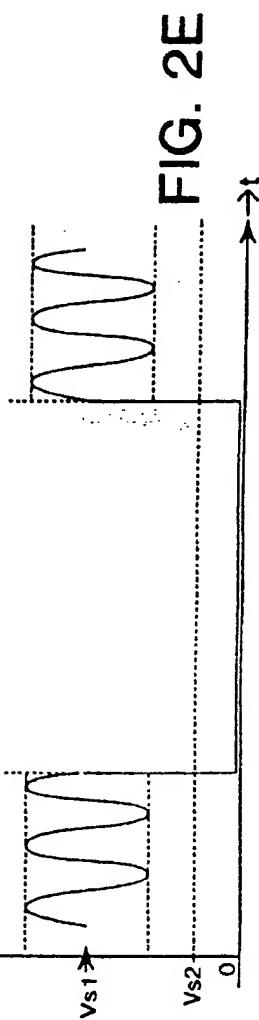


FIG. 2E

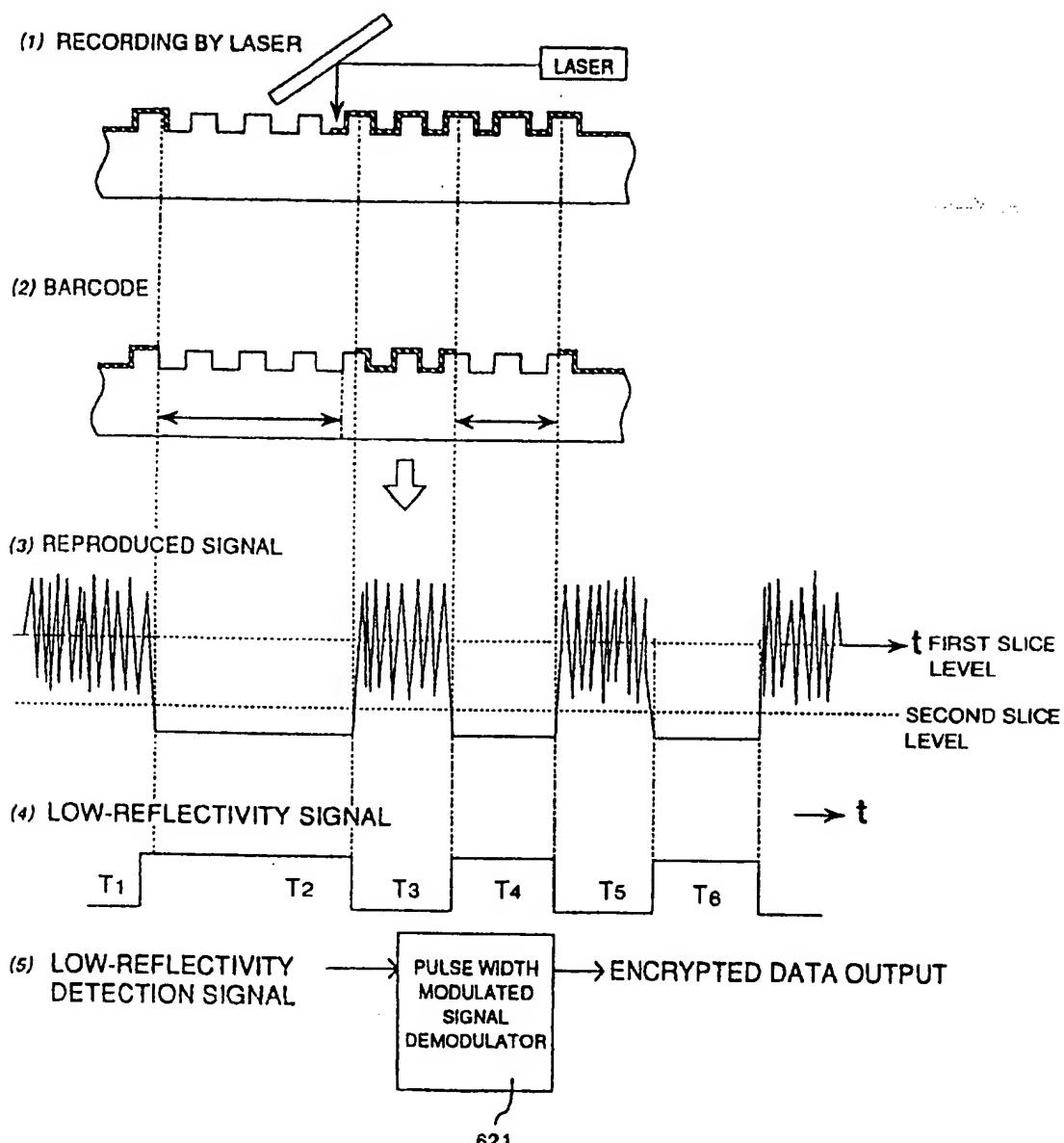


FIG. 3

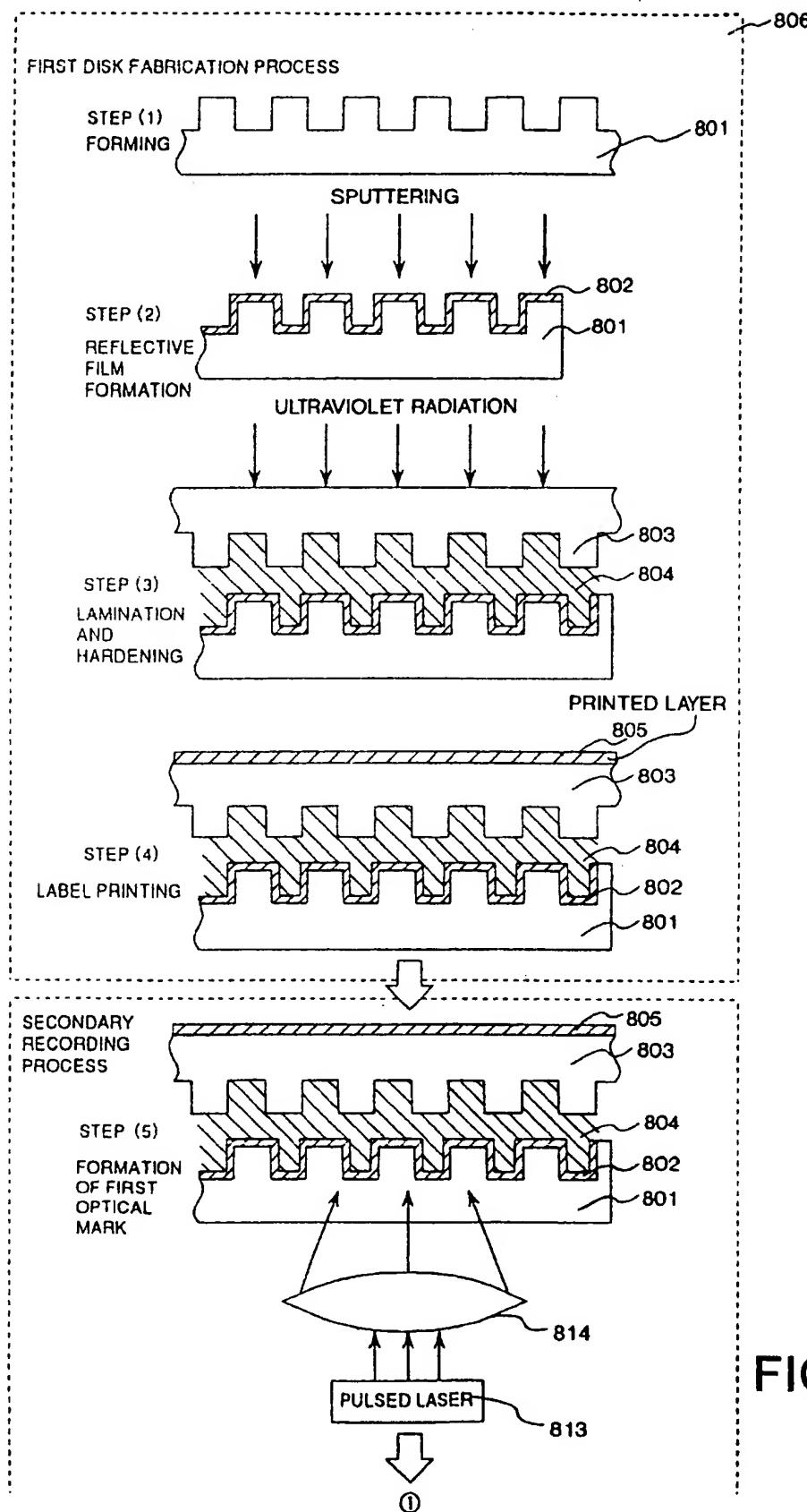
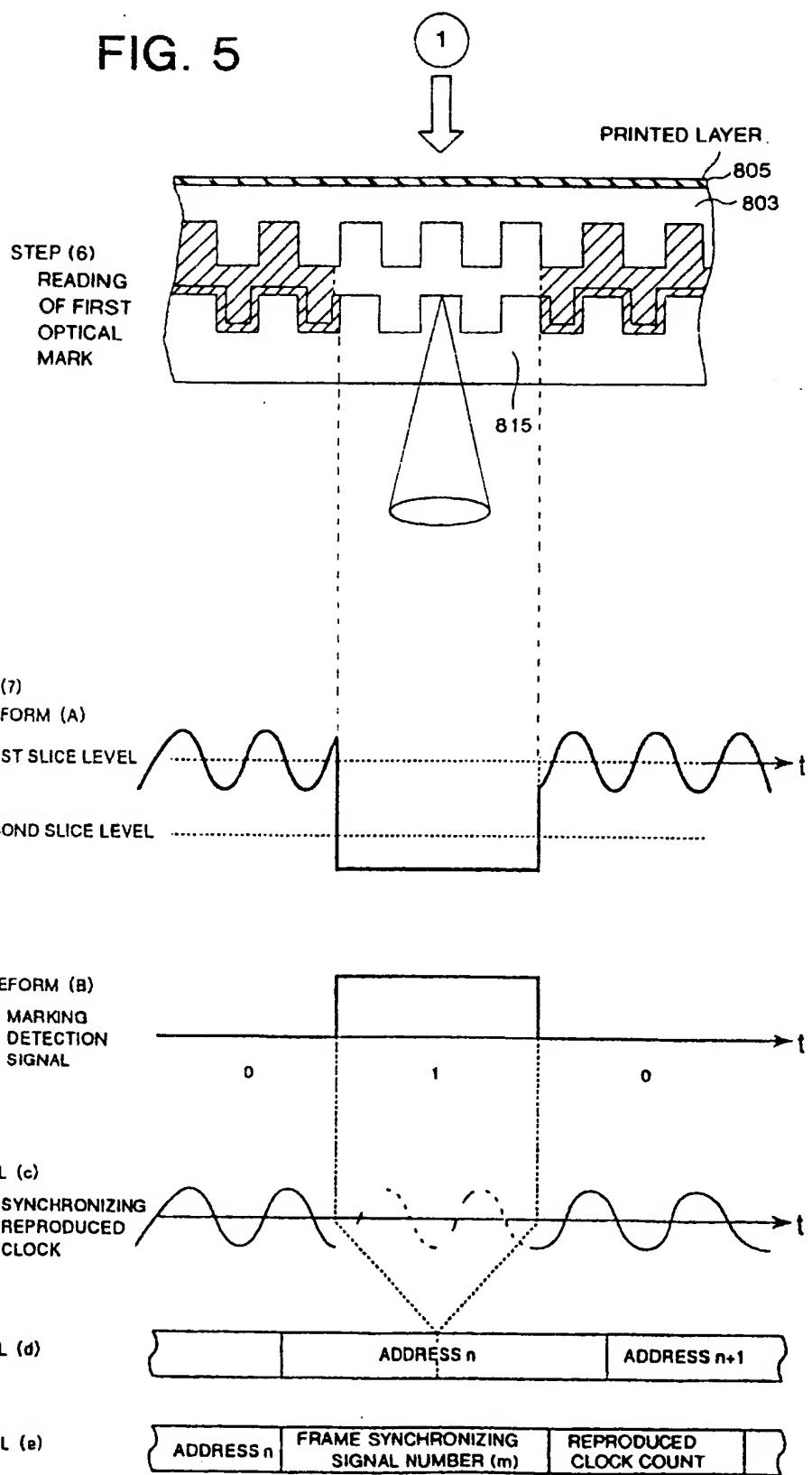
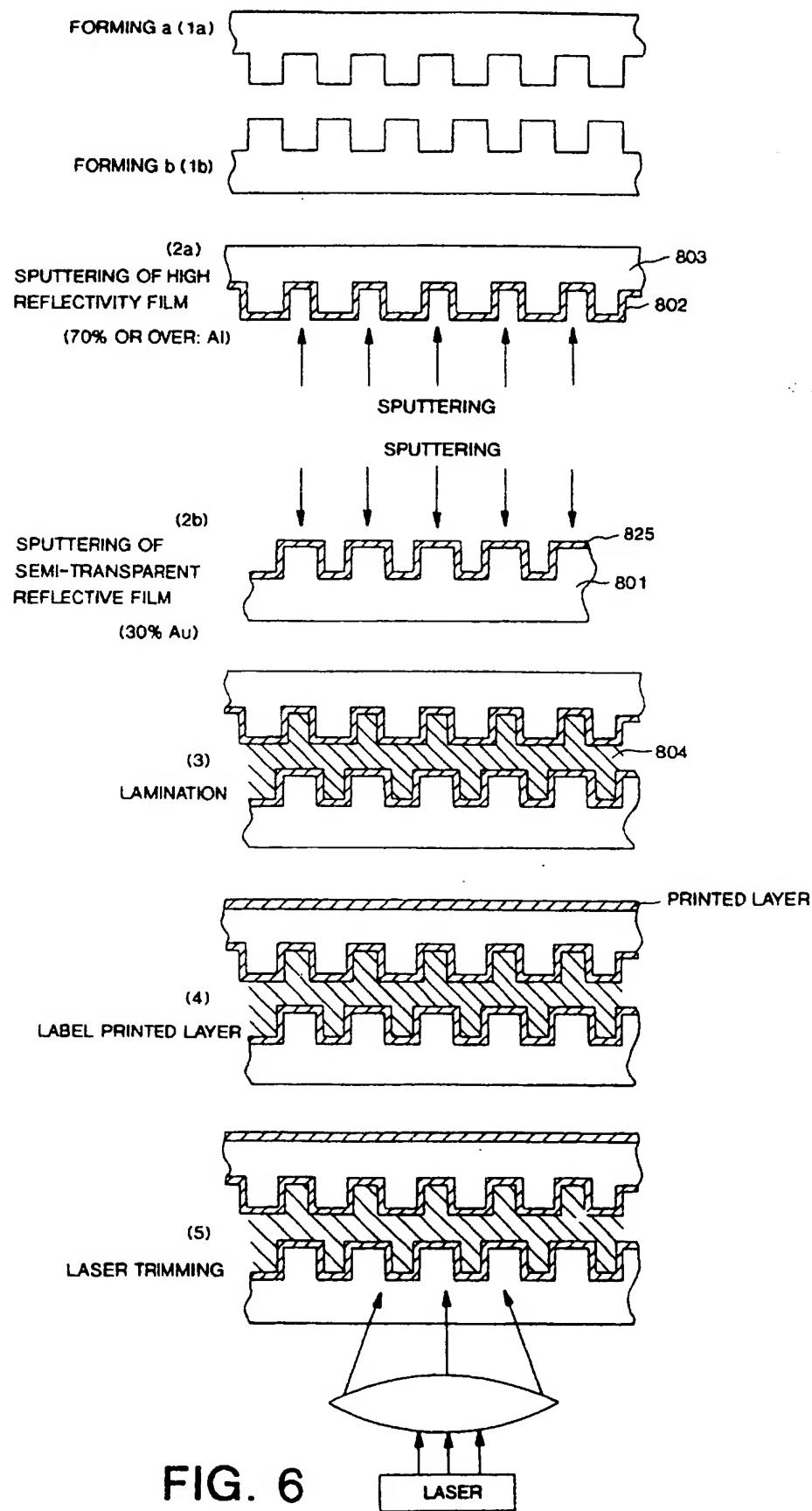
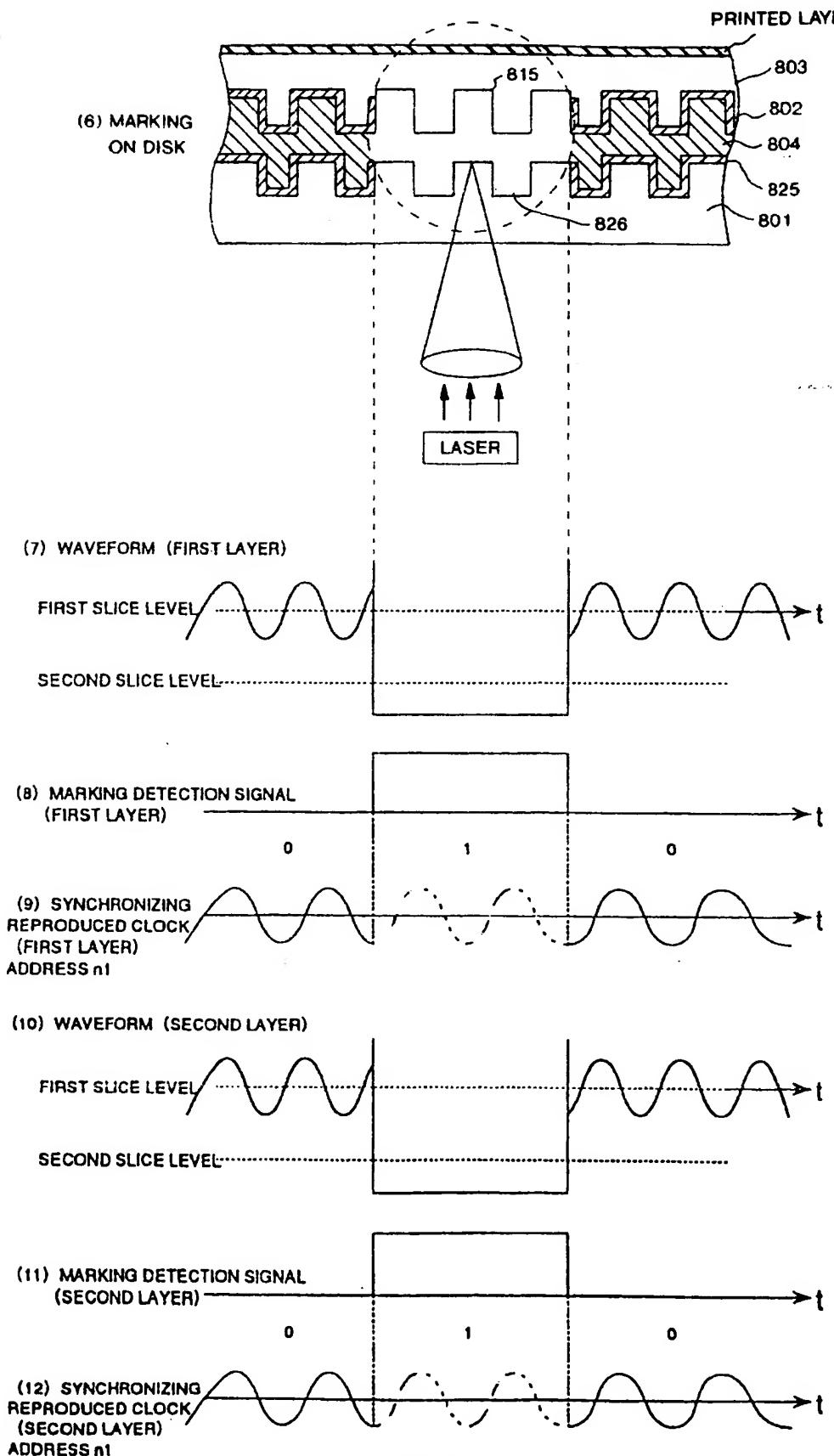


FIG. 4

FIG. 5







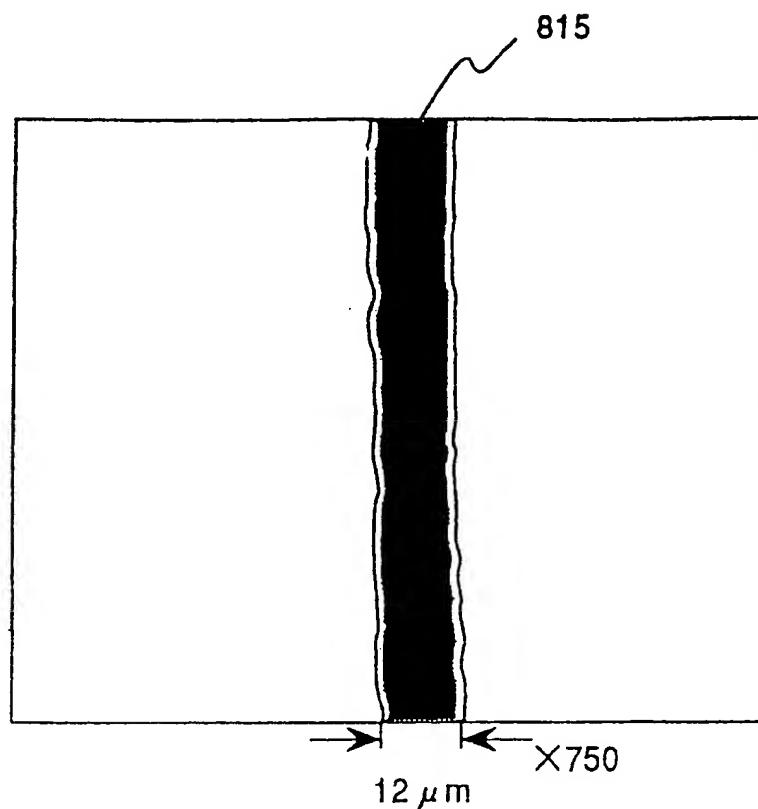


FIG. 8A

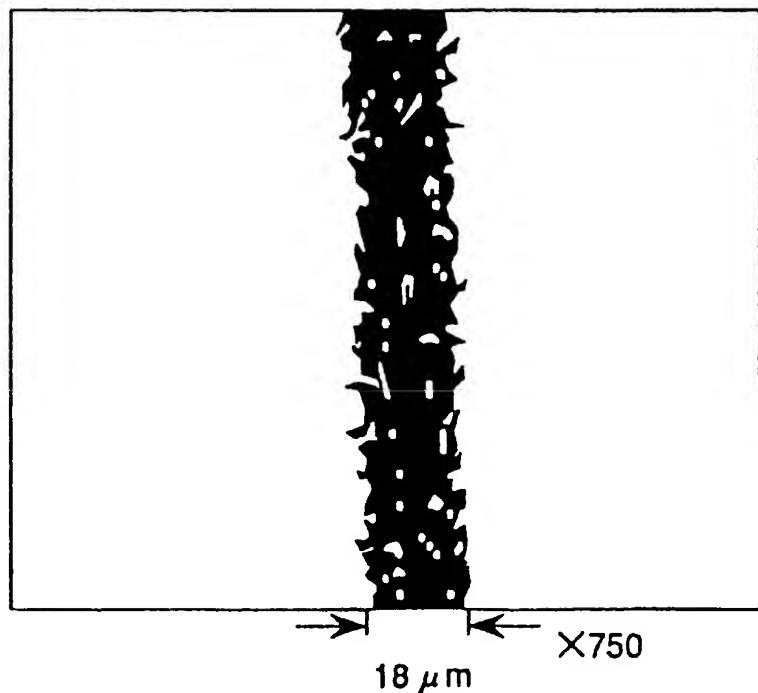
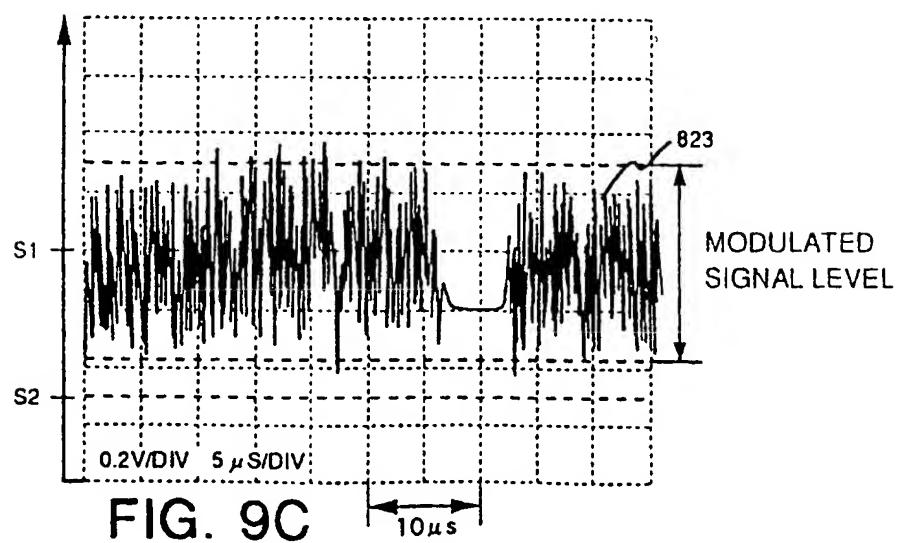
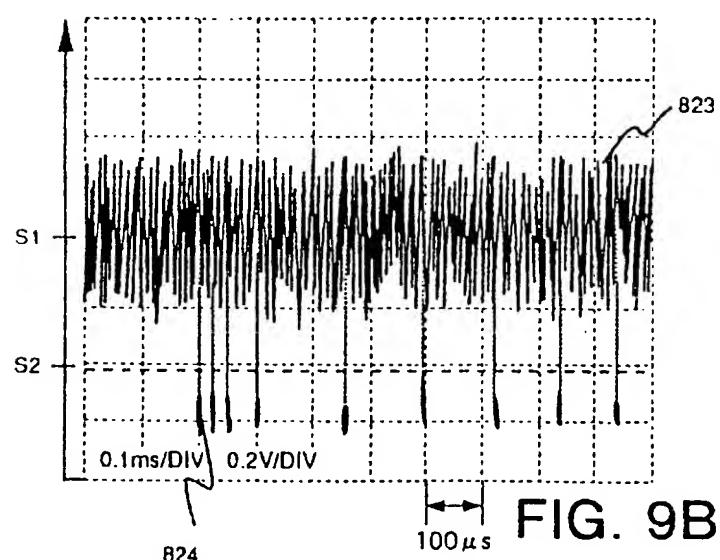
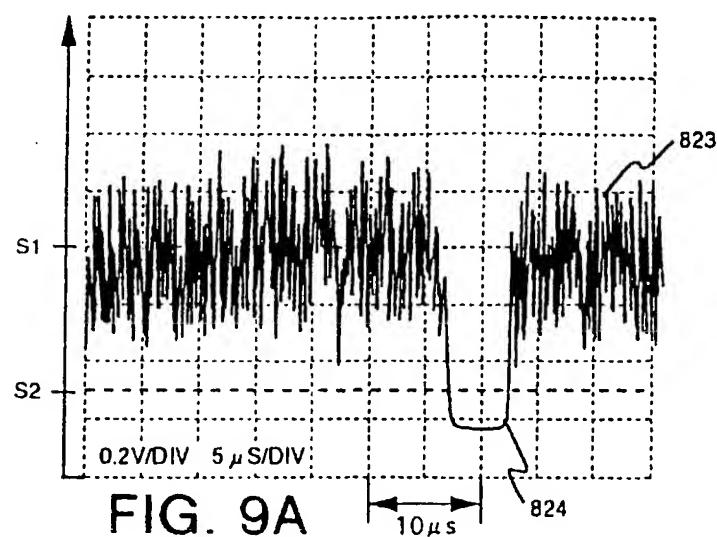


FIG. 8B



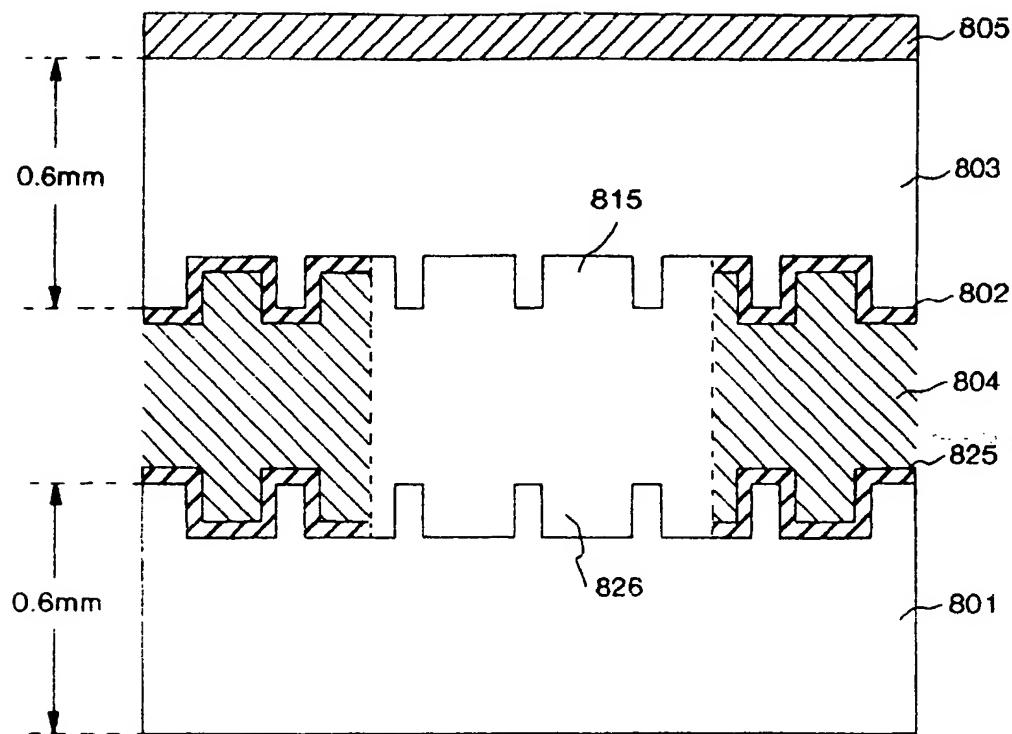


FIG. 10A

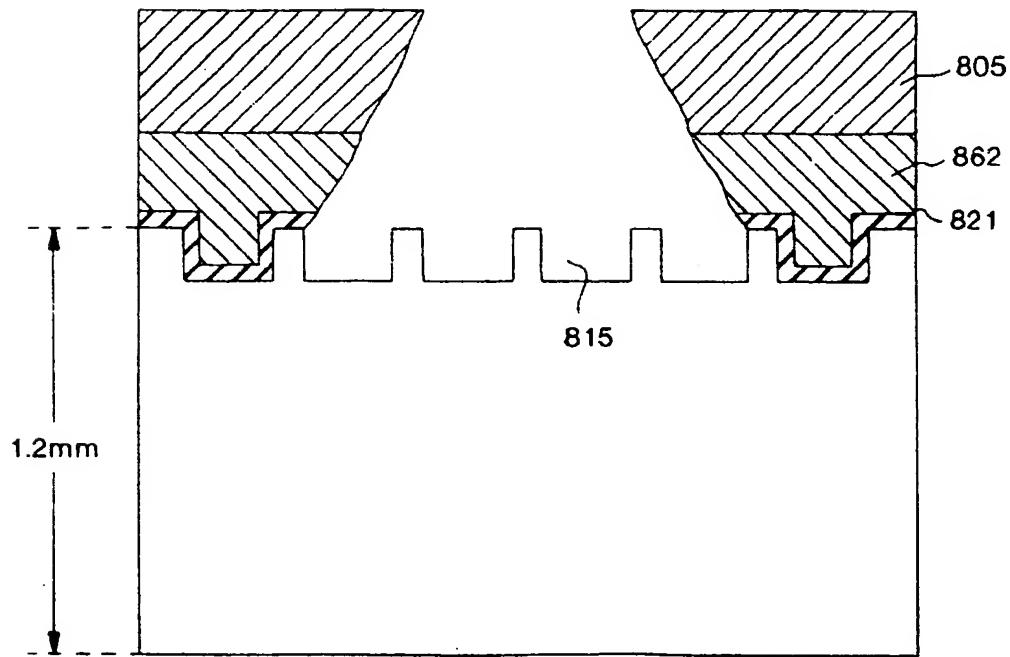


FIG. 10B

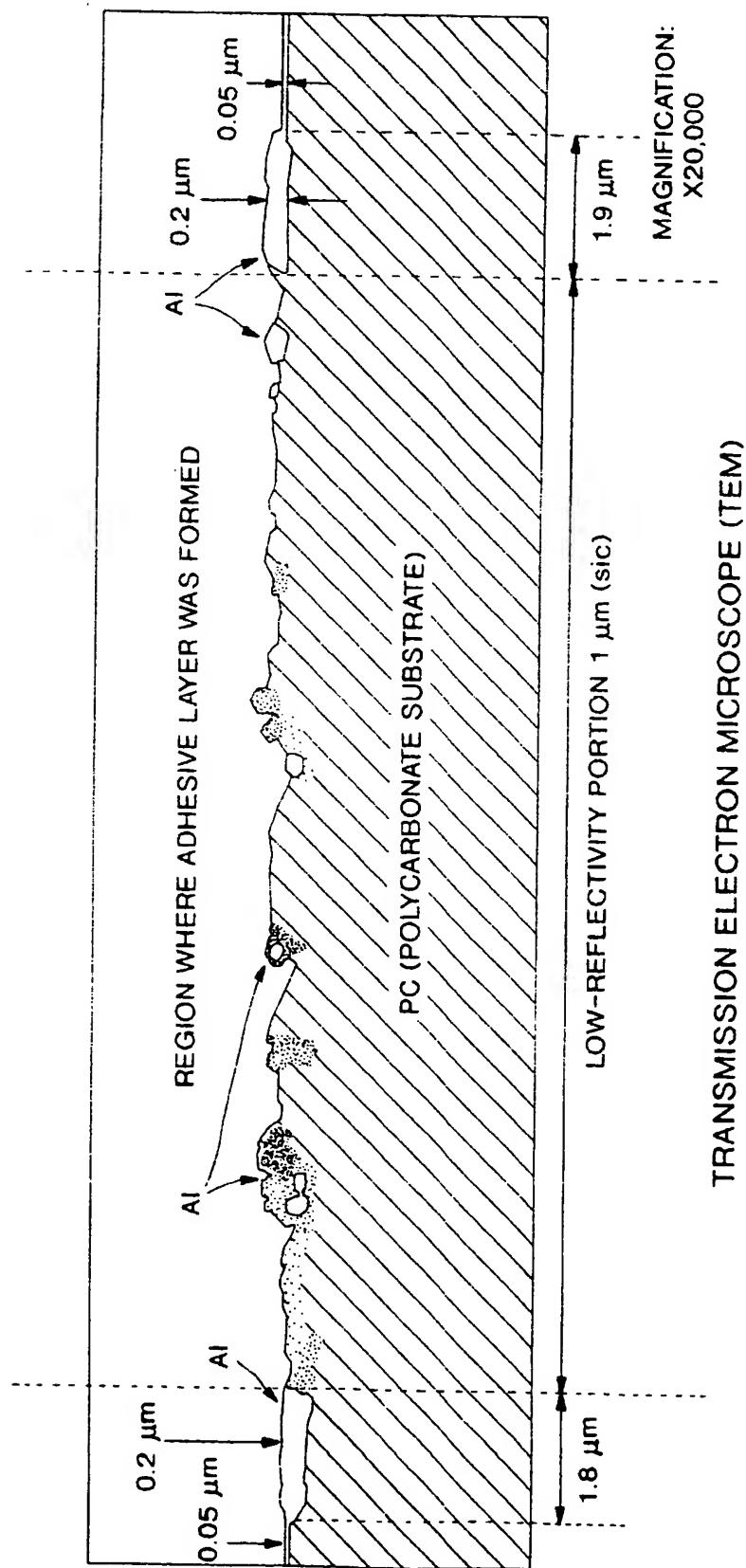


FIG. 11

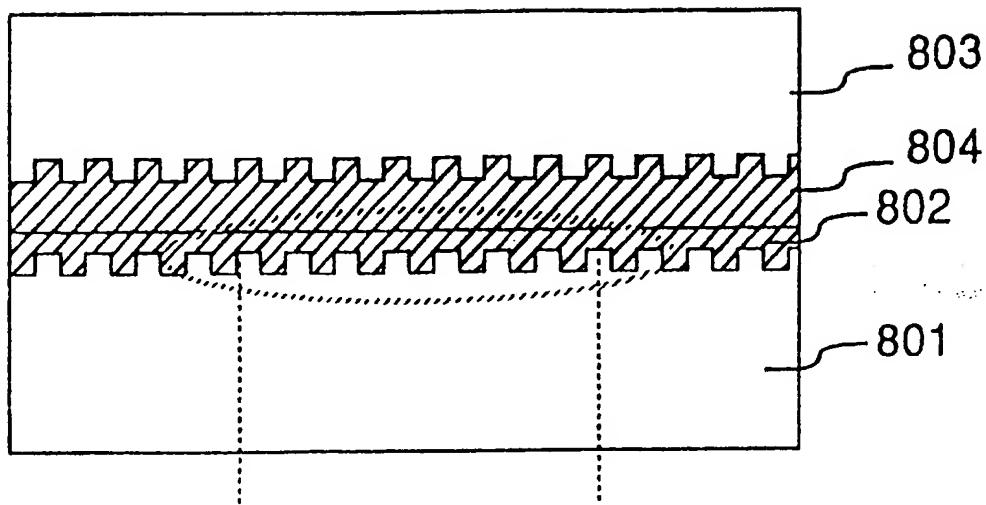


FIG. 12A

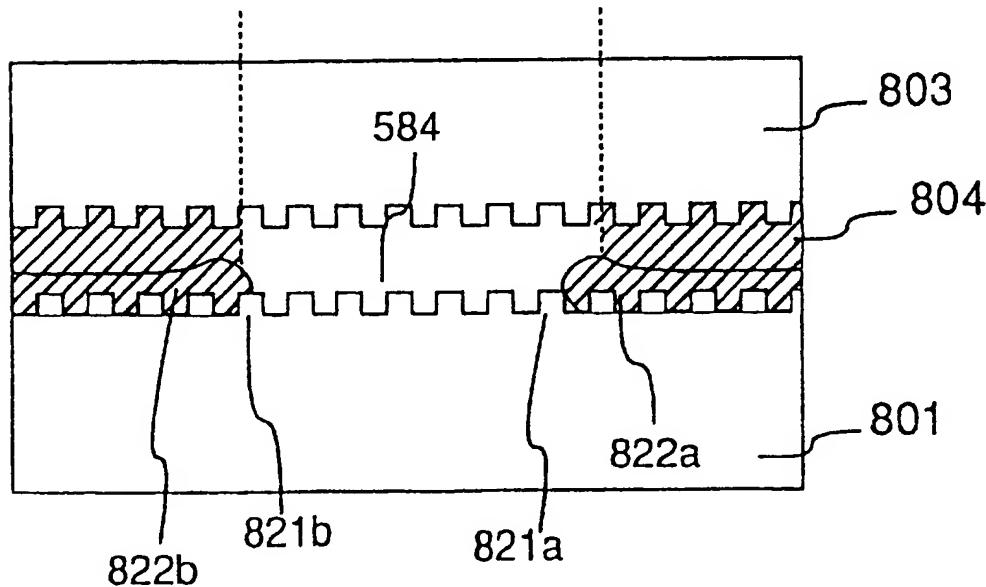


FIG. 12B

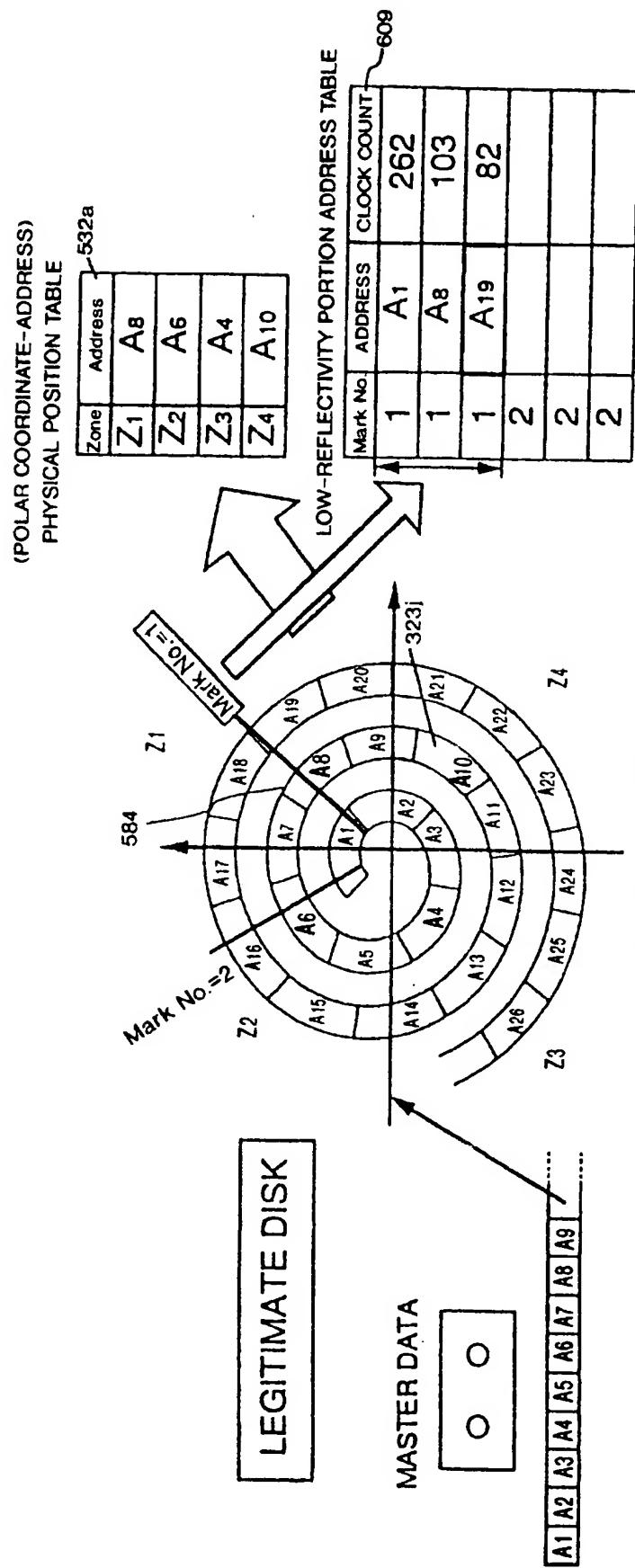


FIG. 13A

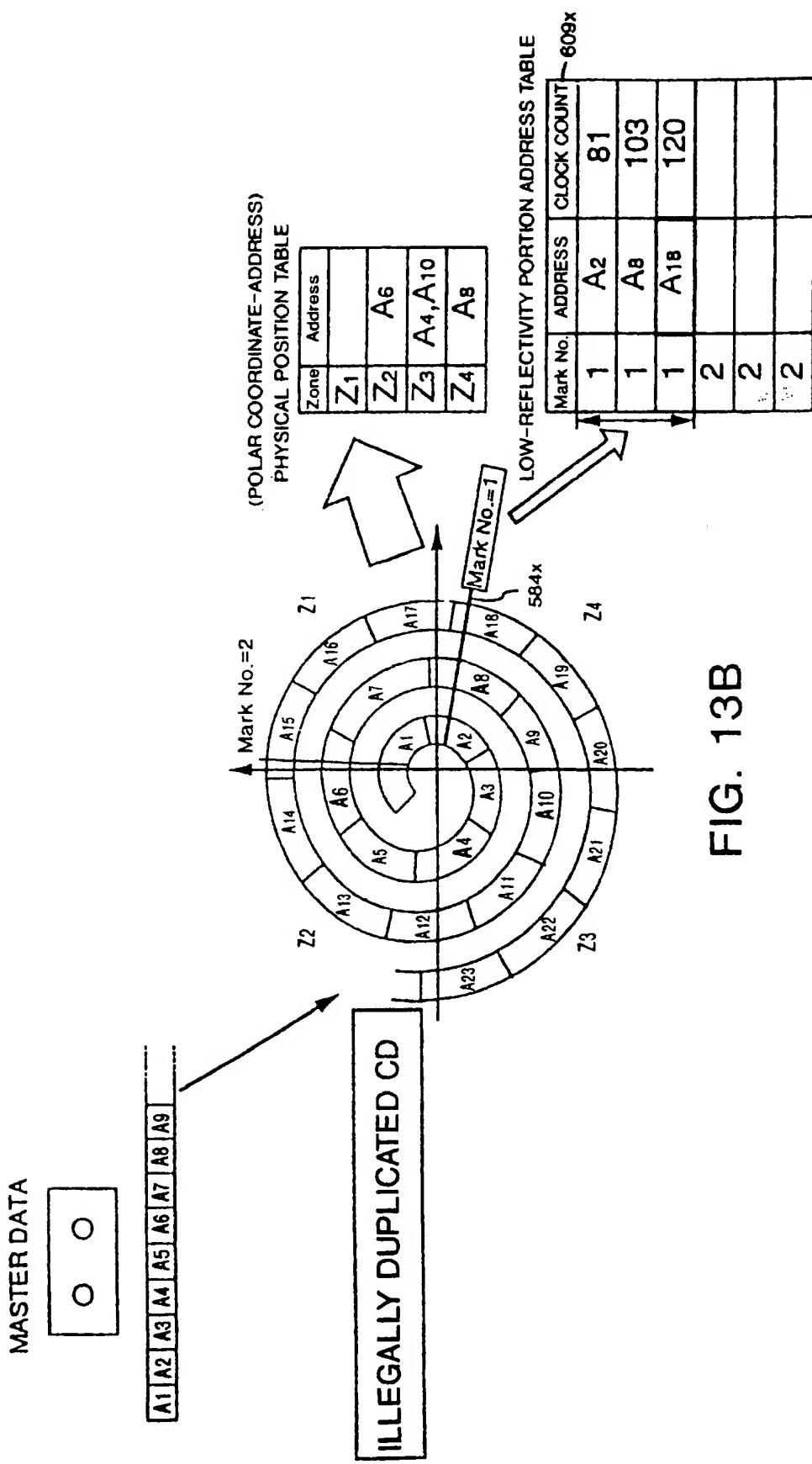


FIG. 13B

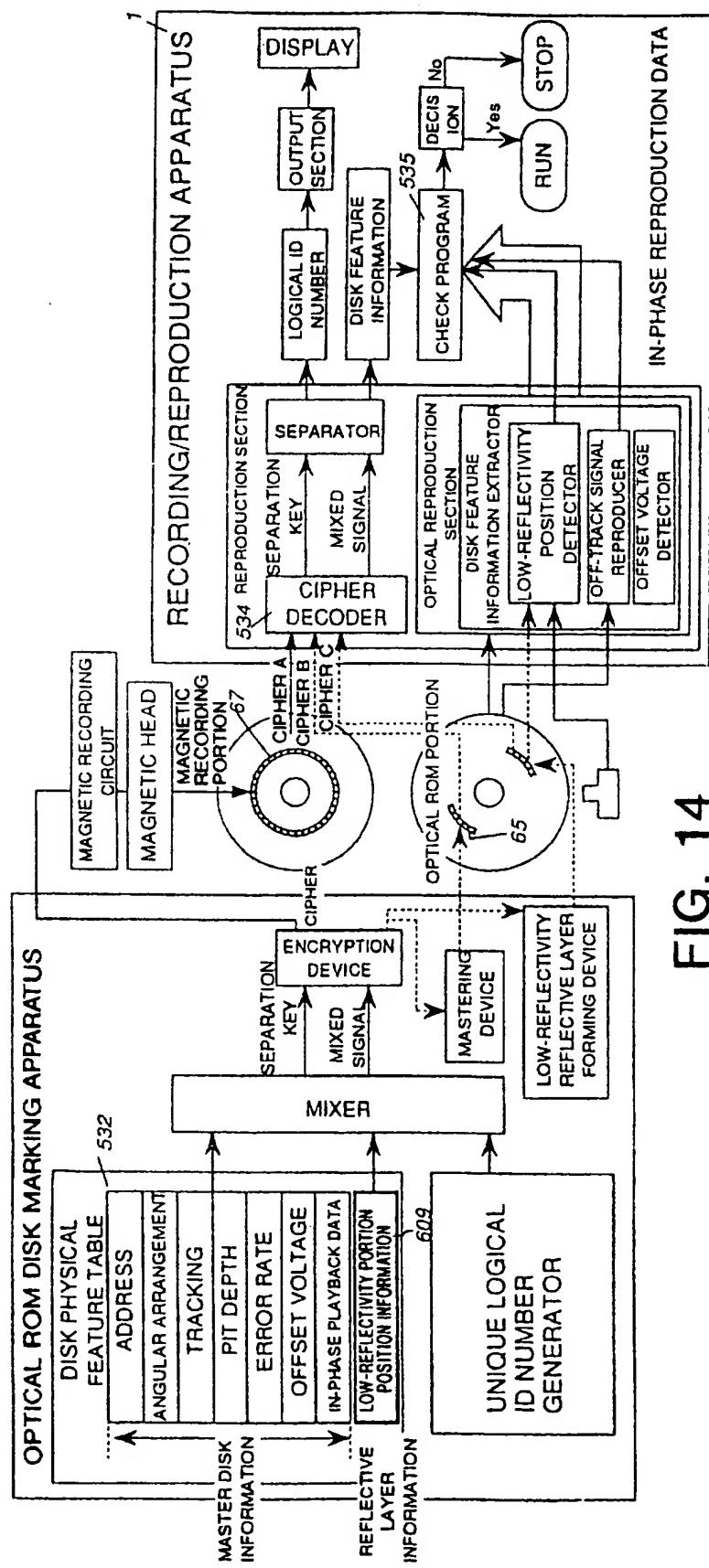


FIG. 14

FIG. 15

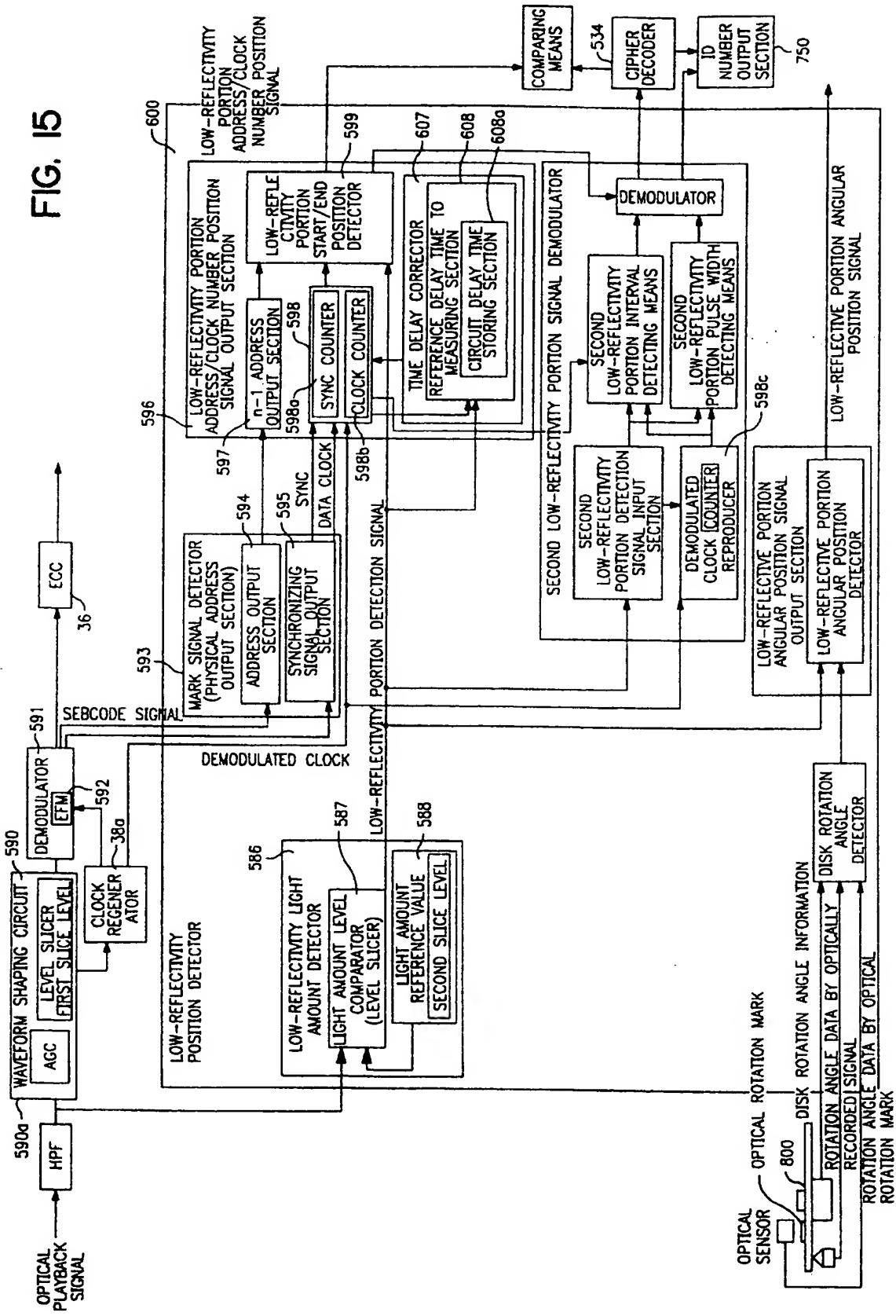
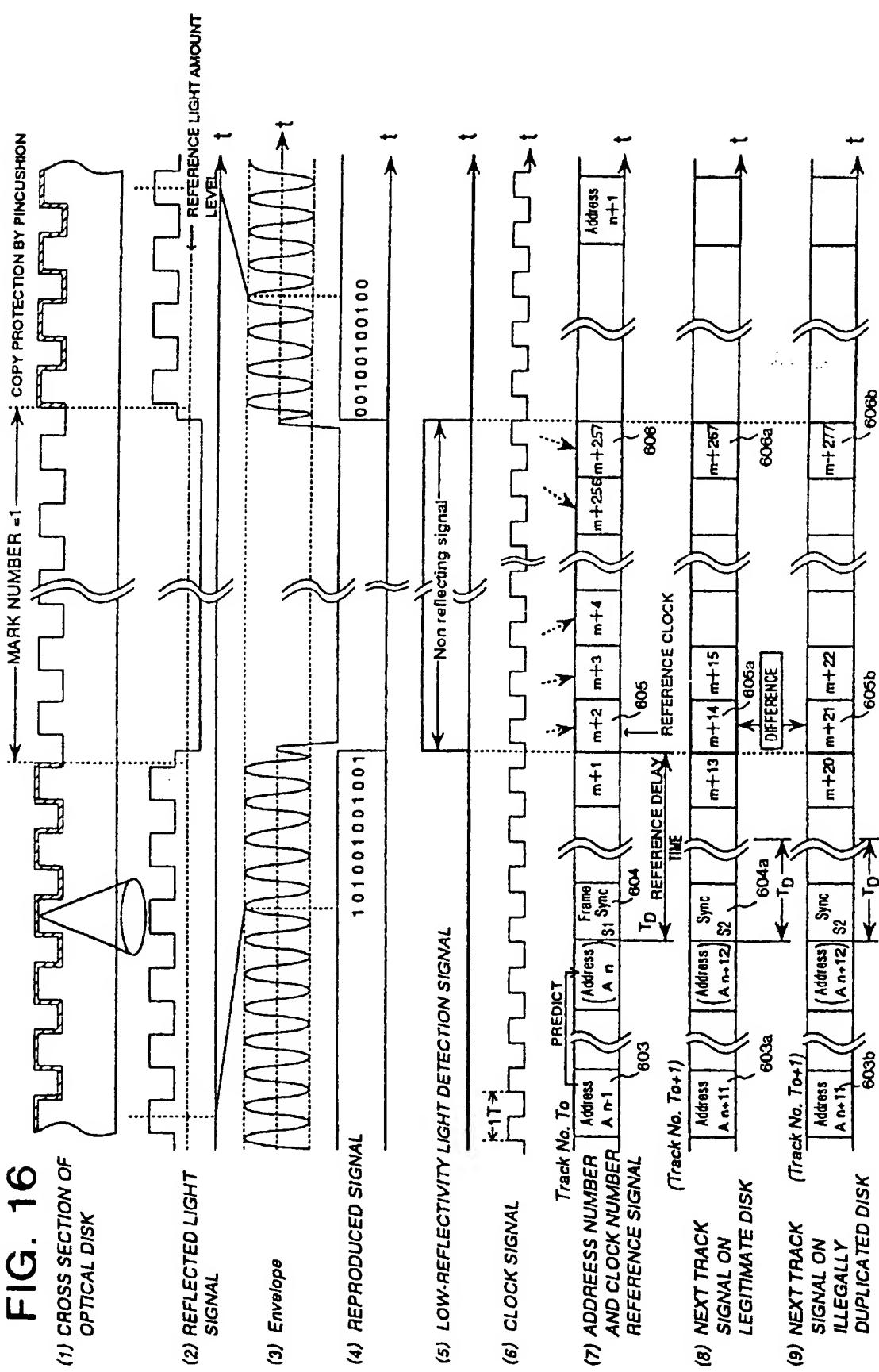


FIG. 16

(1) CROSS SECTION OF OPTICAL DISK



LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION ADDRESS	END POSITION
	Sync No.	CLOCK NUMBER
1 A n	S ₁ m+2	n m+257
1 A n+12	S ₂ m+14	n+12 m+267
1 A n+23	m+25	n+23 m+300
:	:	:
2 A n+1	m+15	n+1 m+160
2 A n+13	m+85	n+13 m+250
2 A n+24	m+68	n+24 m+210
10 A	n+9	10 n+9
10		10

LEGITIMATE DISK

LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION ADDRESS	END POSITION
	Sync No.	CLOCK NUMBER
1 A n	S ₁ m+2	n m+257
1 A n+12	S ₂ m+14	n+12 m+267
1 A n+23	m+25	n+22 m+4
:	:	:
2 A n+1	m+15	n+1 m+36
2 A n+13	m+85	n+13 m+120
2 A n+24	m+68	n+25
10 A	n+9	10 n+9
10		10

PLANNING

FIG. 17

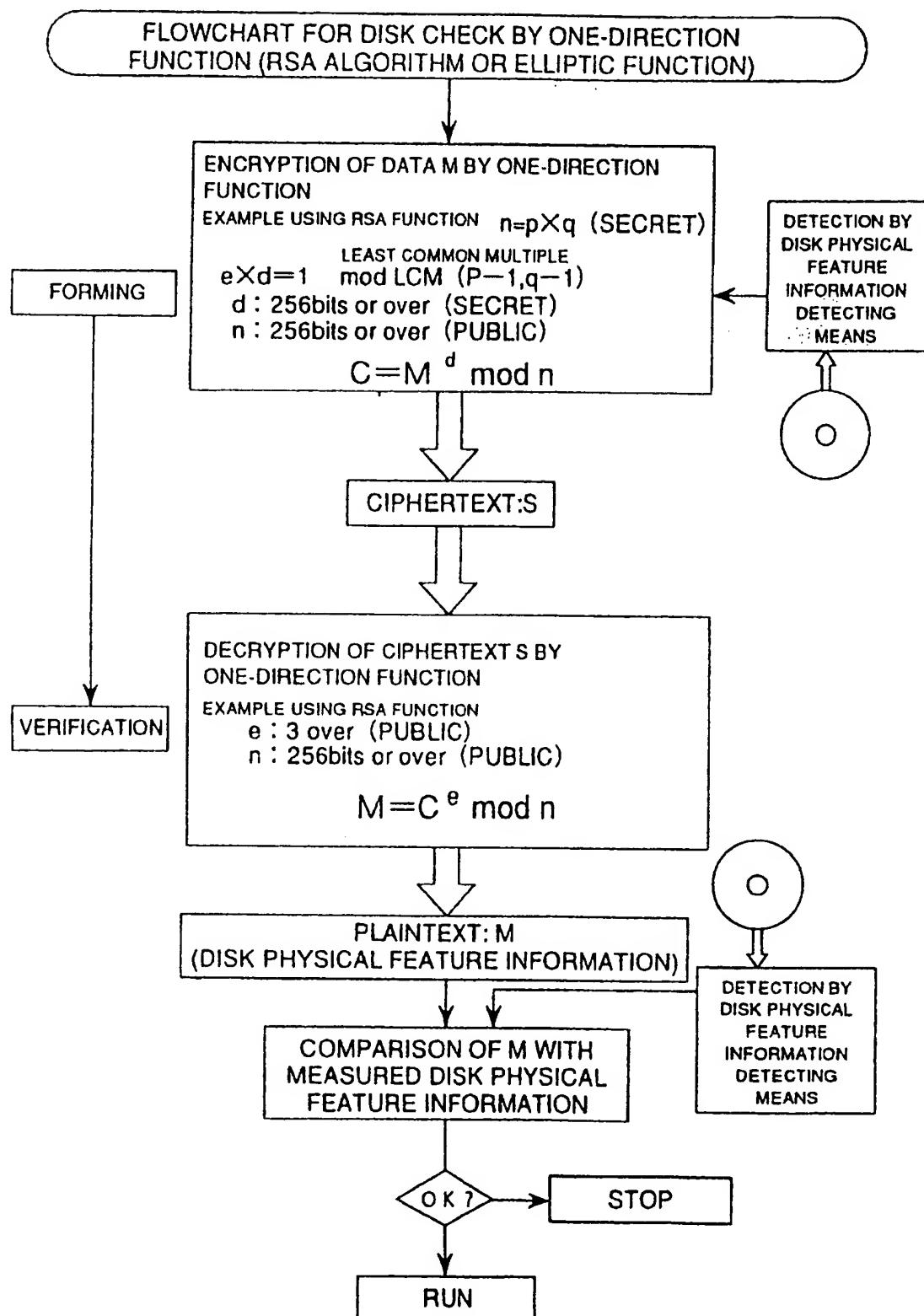


FIG. 18

**DIAGRAM SHOWING DIFFERENT PHYSICAL LOCATIONS OF
LOGICAL ADDRESSES ON DIFFERENT MASTER DISKS**
PHYSICAL LOCATIONS OF THE SAME LOGICAL ADDRESSES ON MASTER DISKS
PRODUCED ON DIFFERENT DAYS

FIRST MASTER DISK ○ CLV=1.231m./sec(SRC##2 MISS)
SECOND MASTER DISK ● CLV=1.245m./sec(FZ-SJ1951A 3)
THIRD MASTER DISK ▲ CLV=1.308m./sec(FZ-SJ1951AT 8)

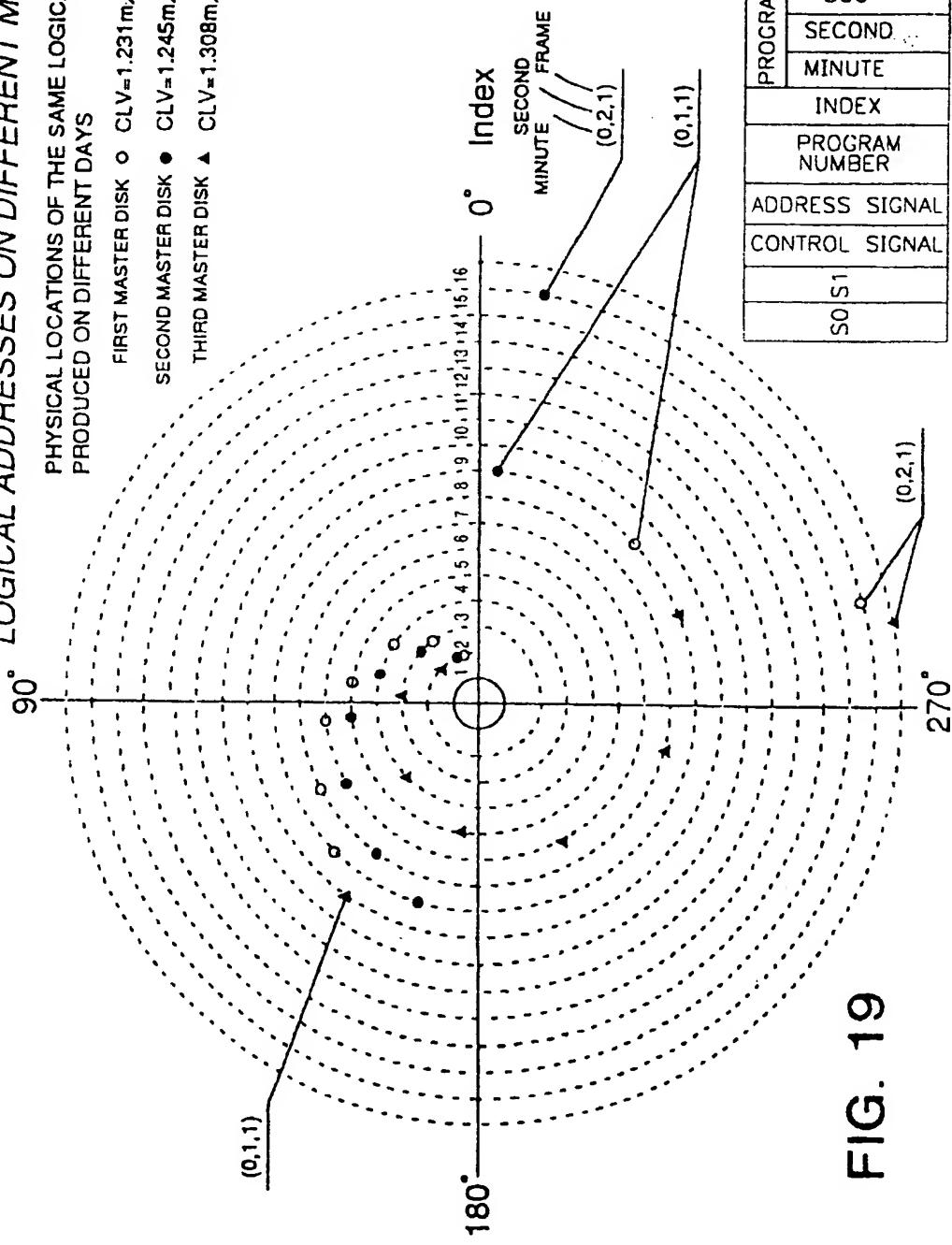


FIG. 19

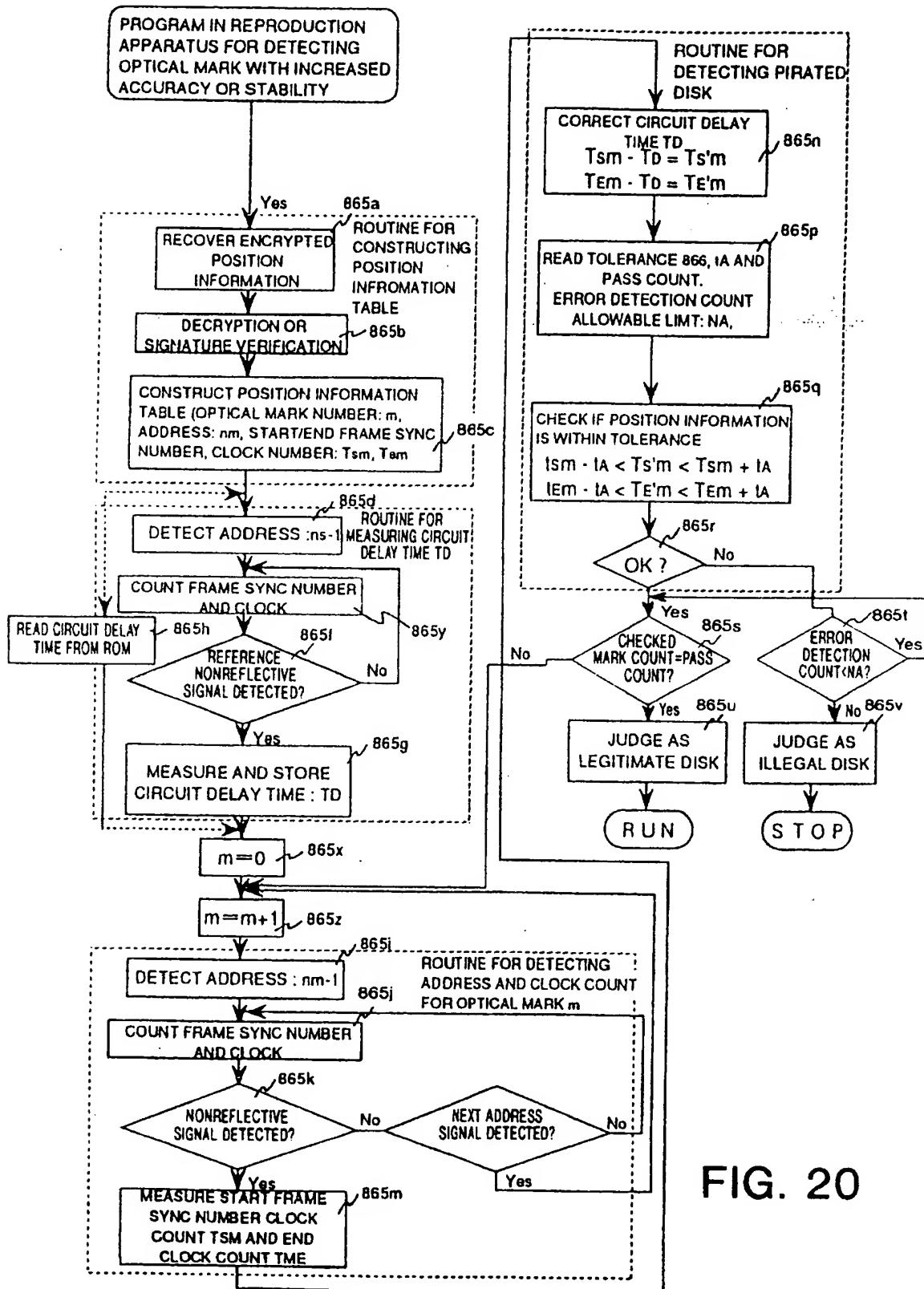


FIG. 20

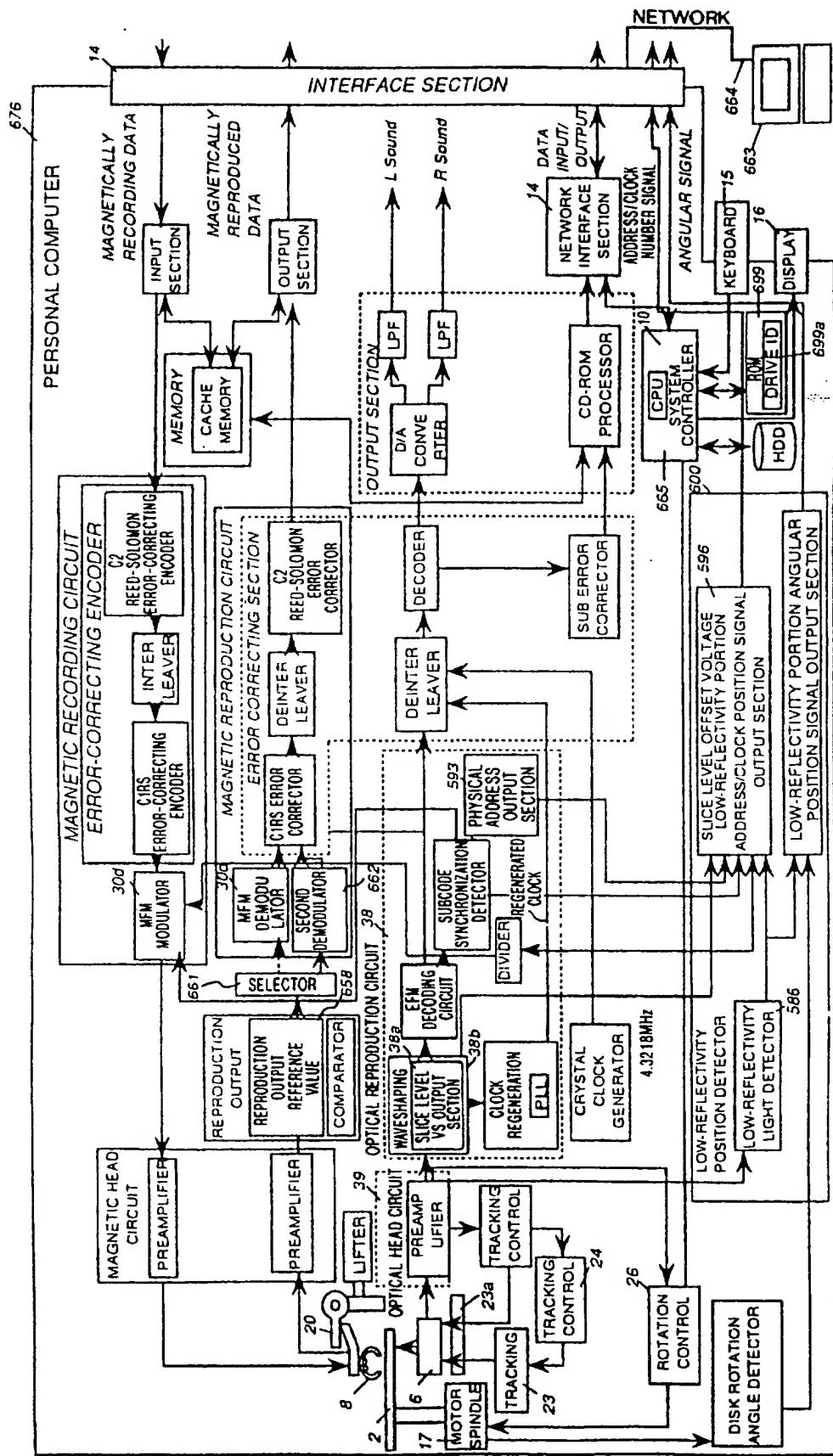


FIG. 21

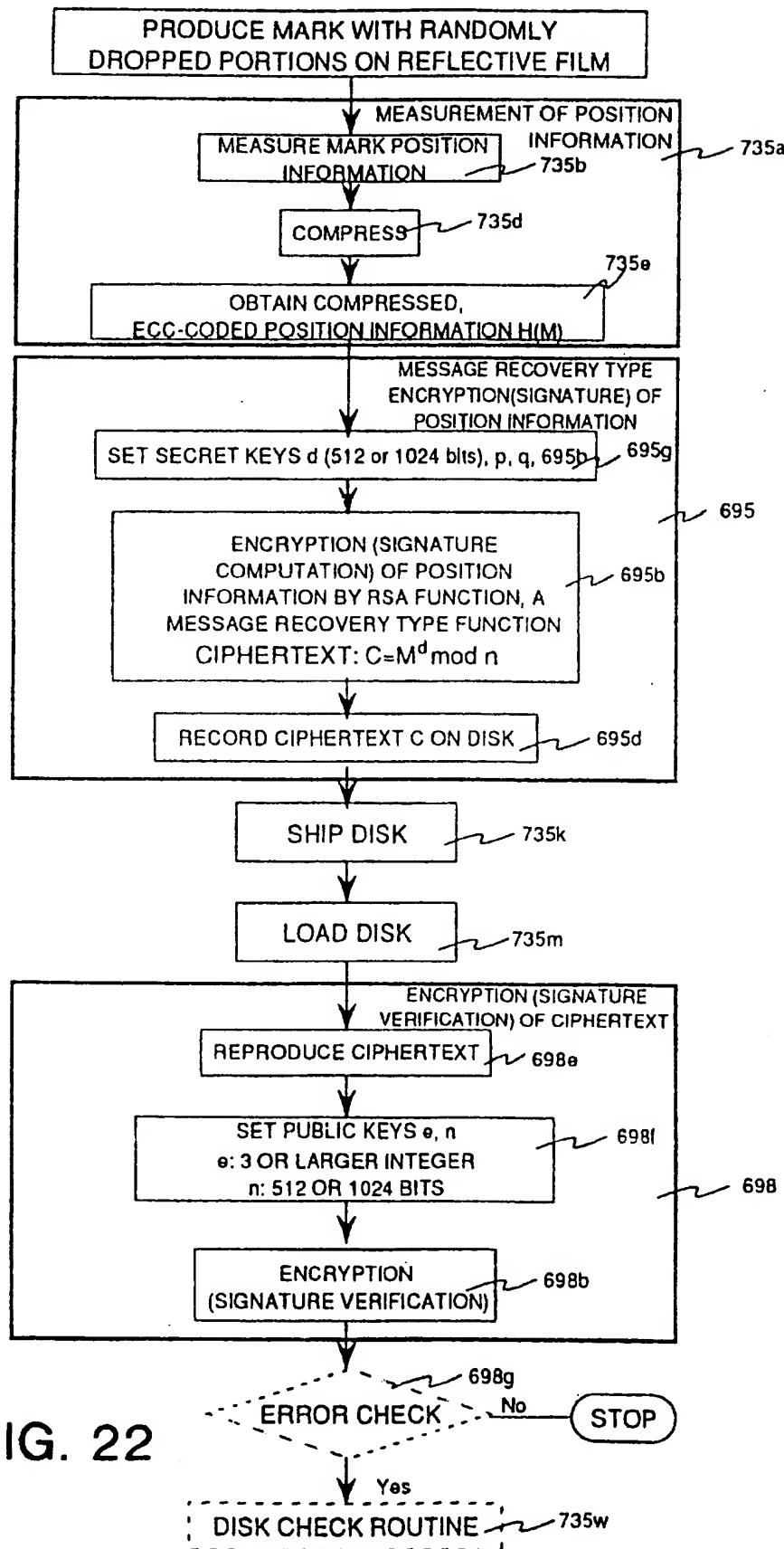


FIG. 22

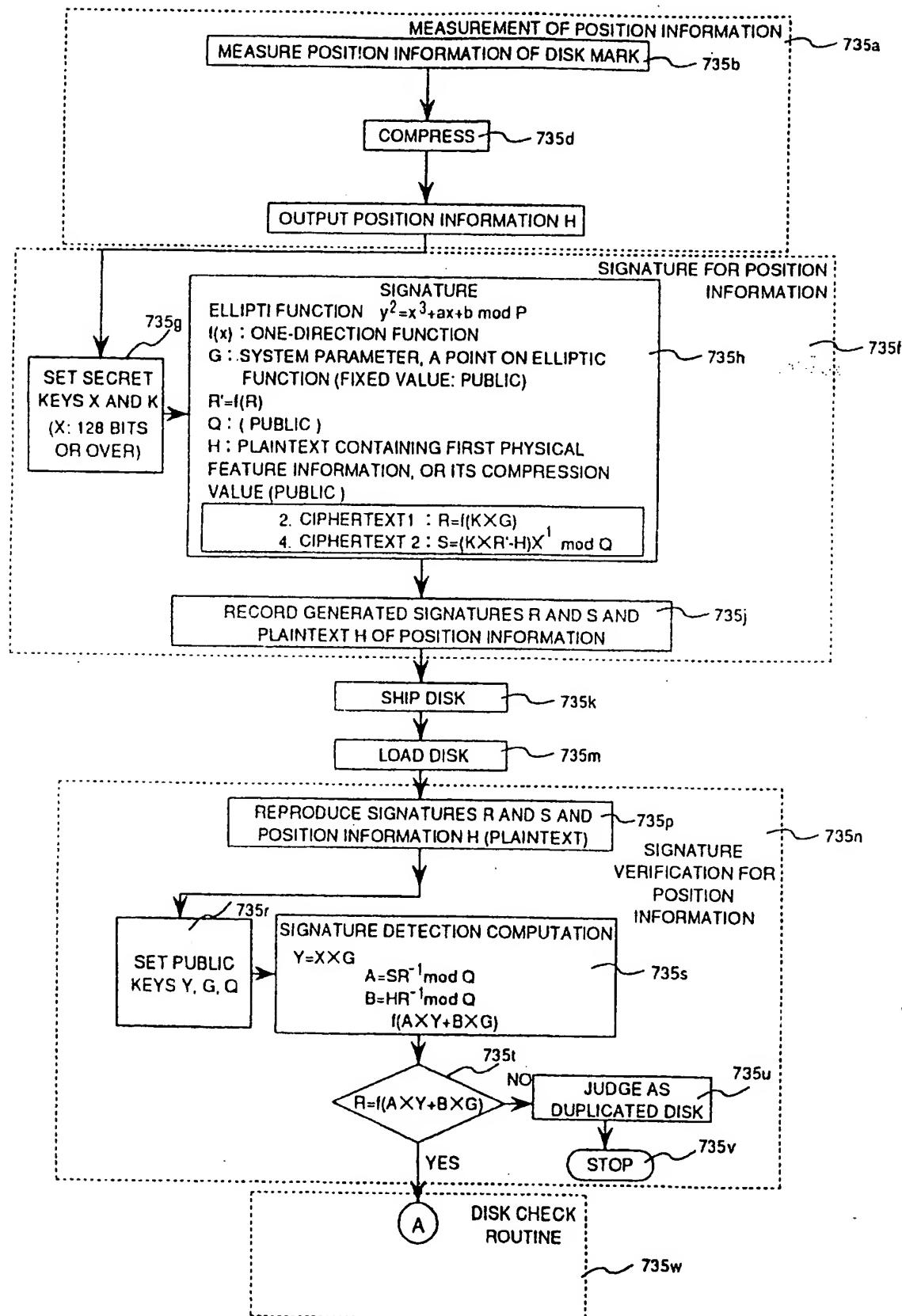


FIG. 23

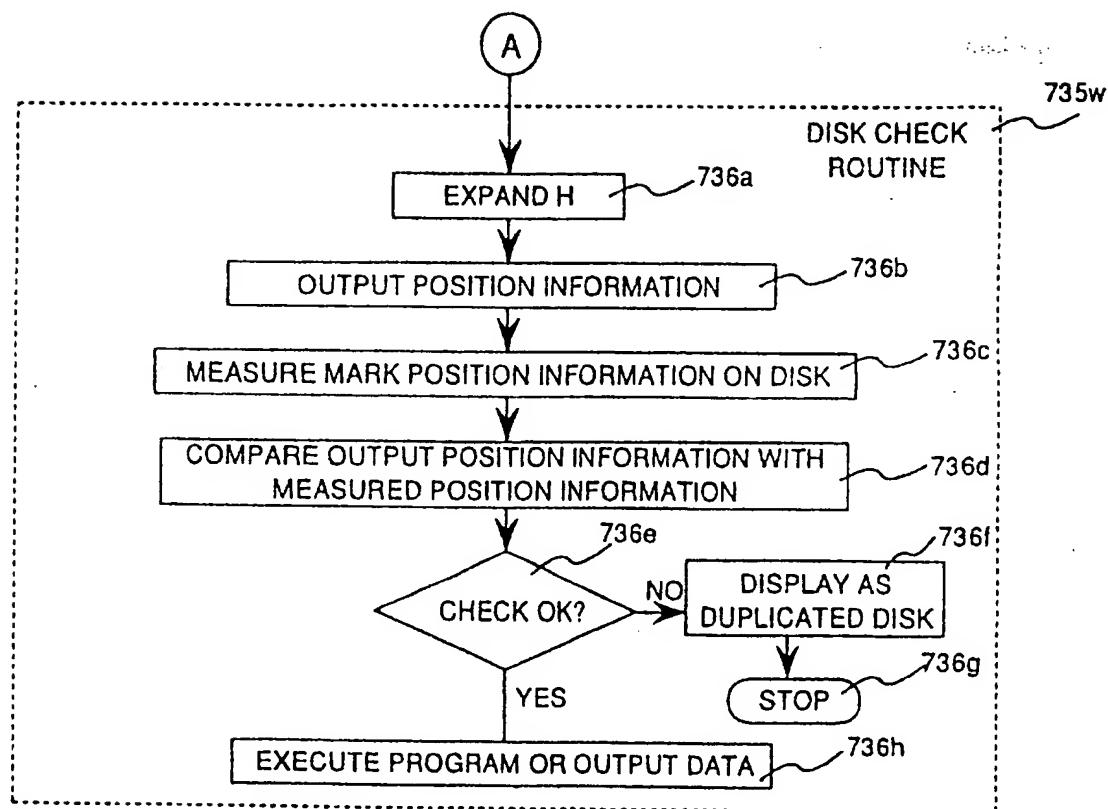


FIG. 24

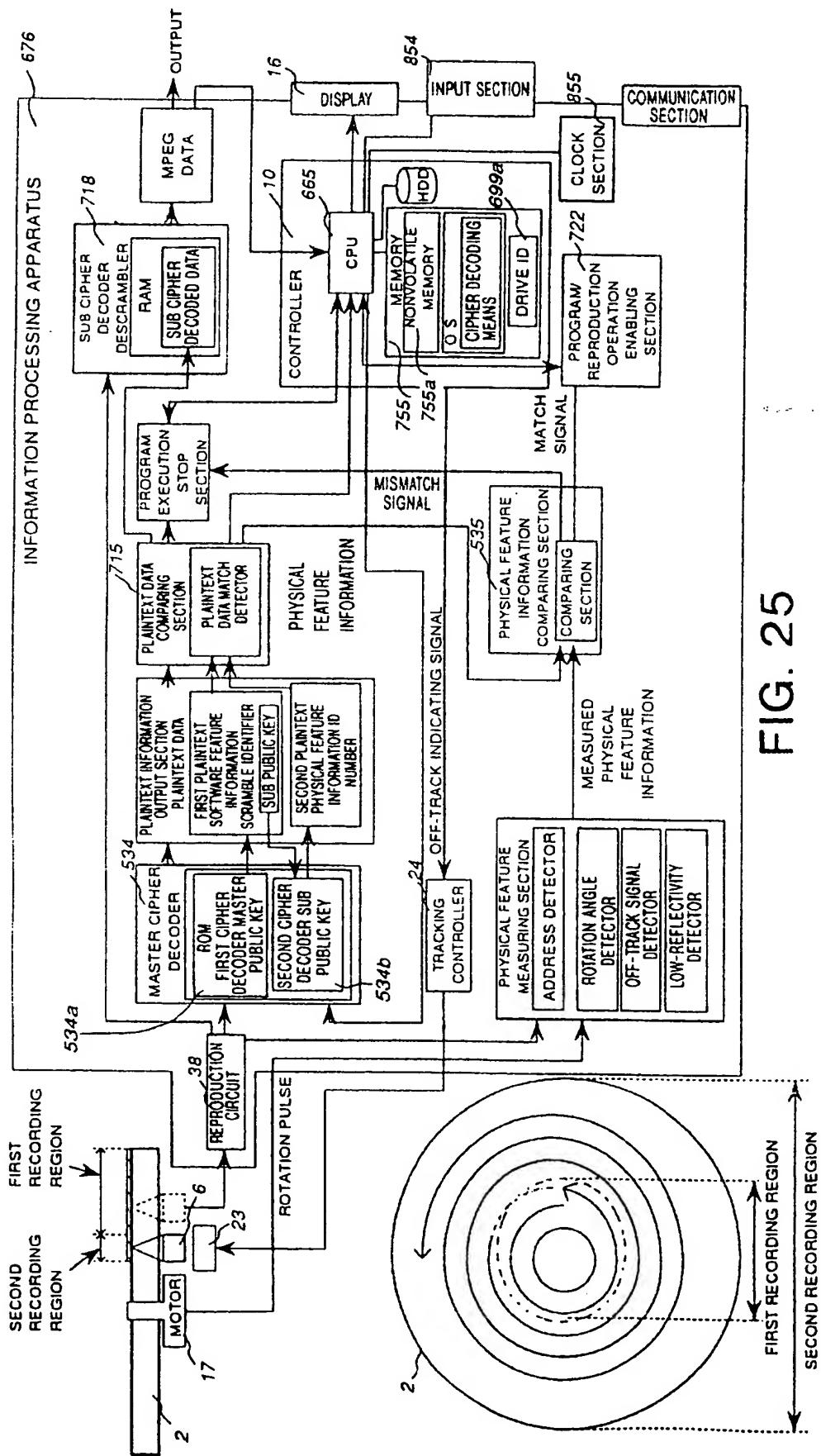
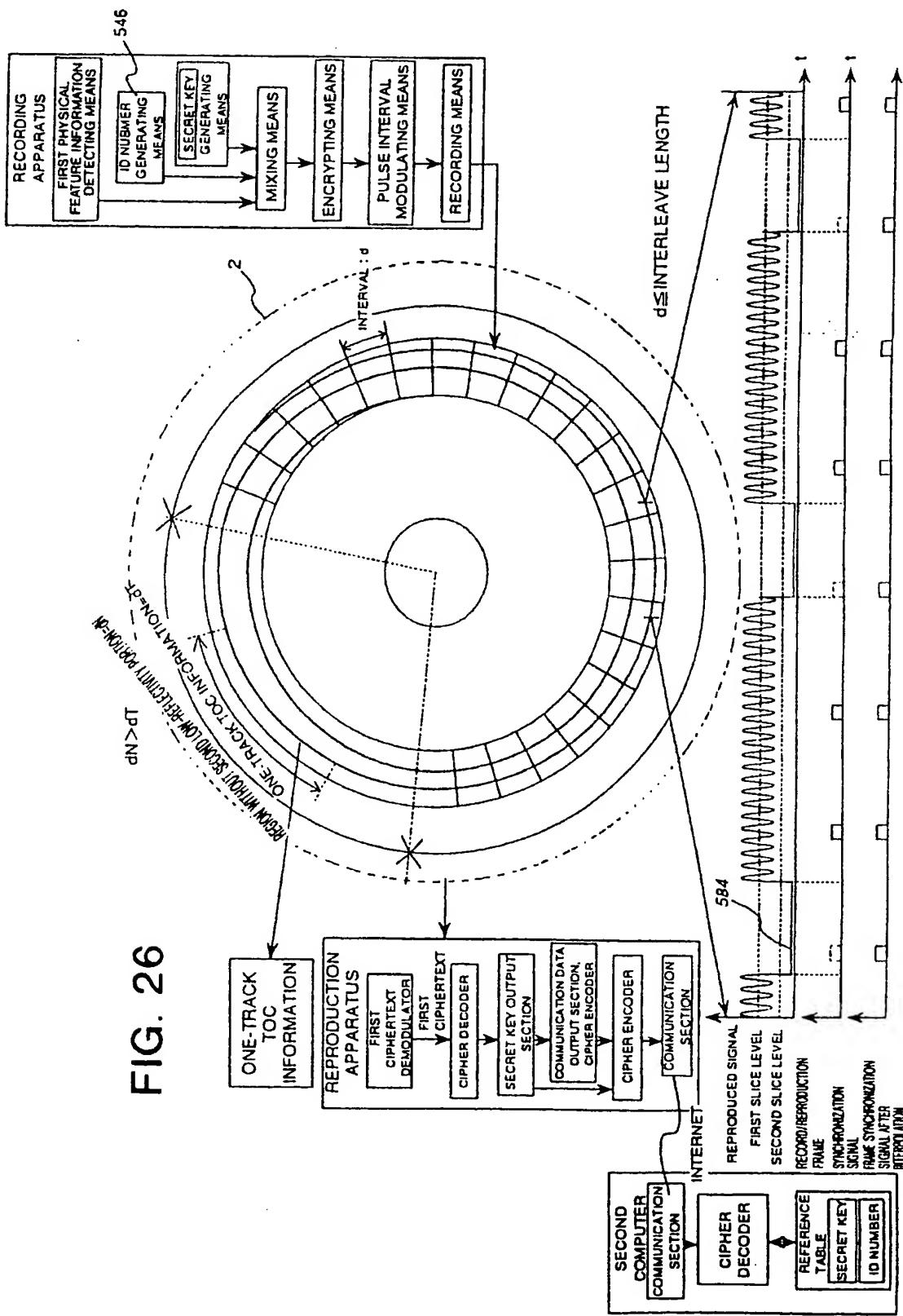
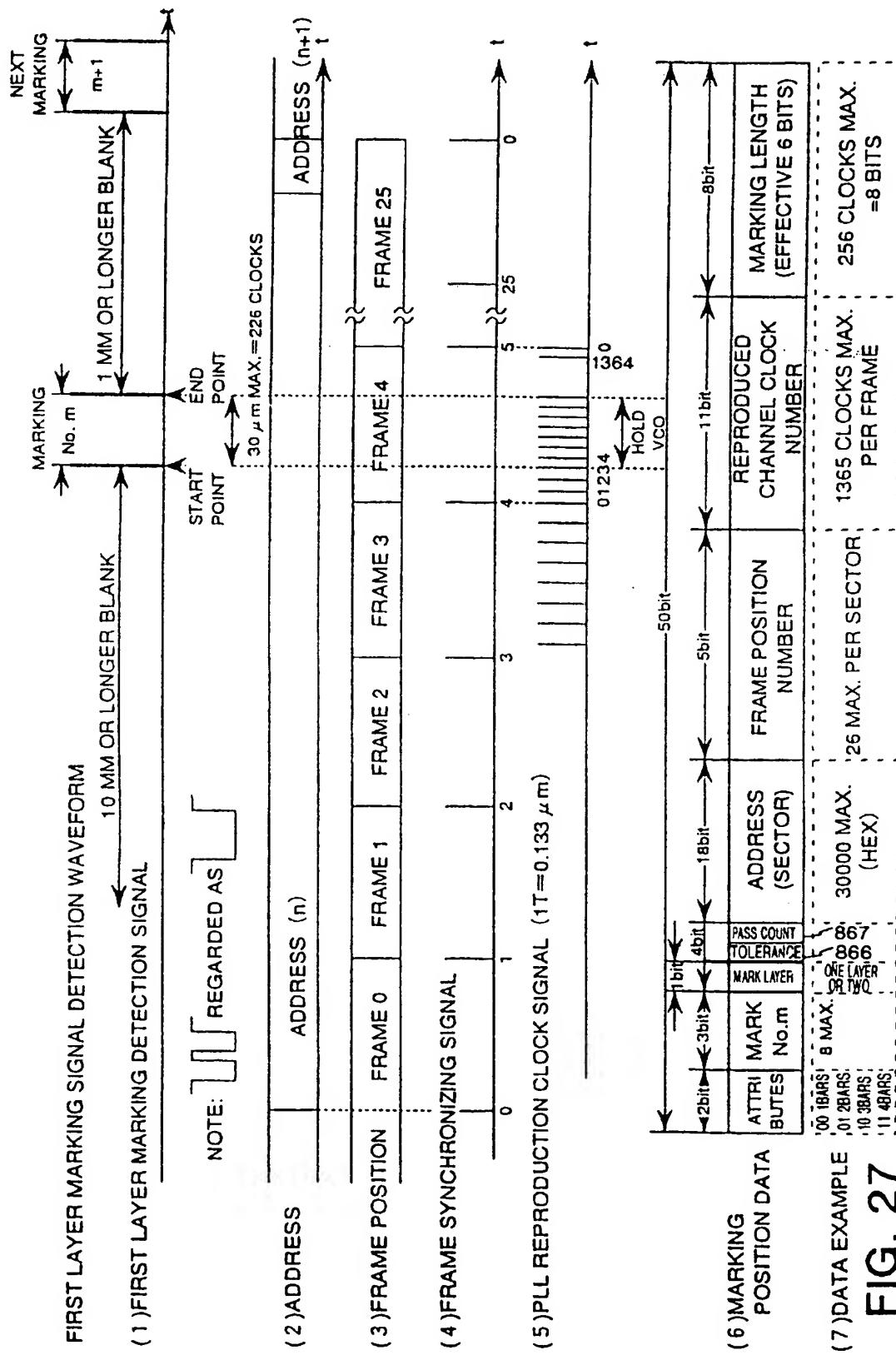
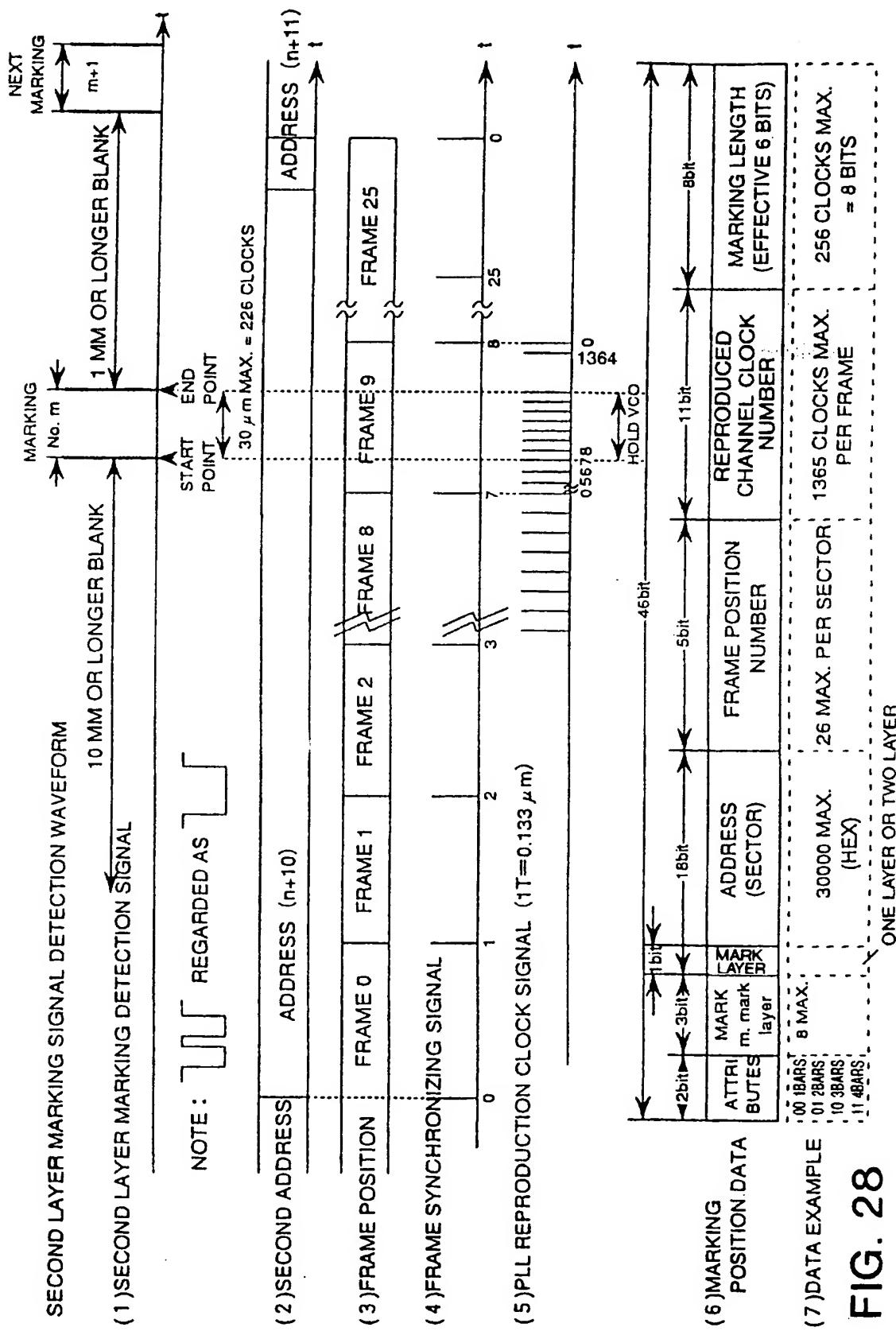


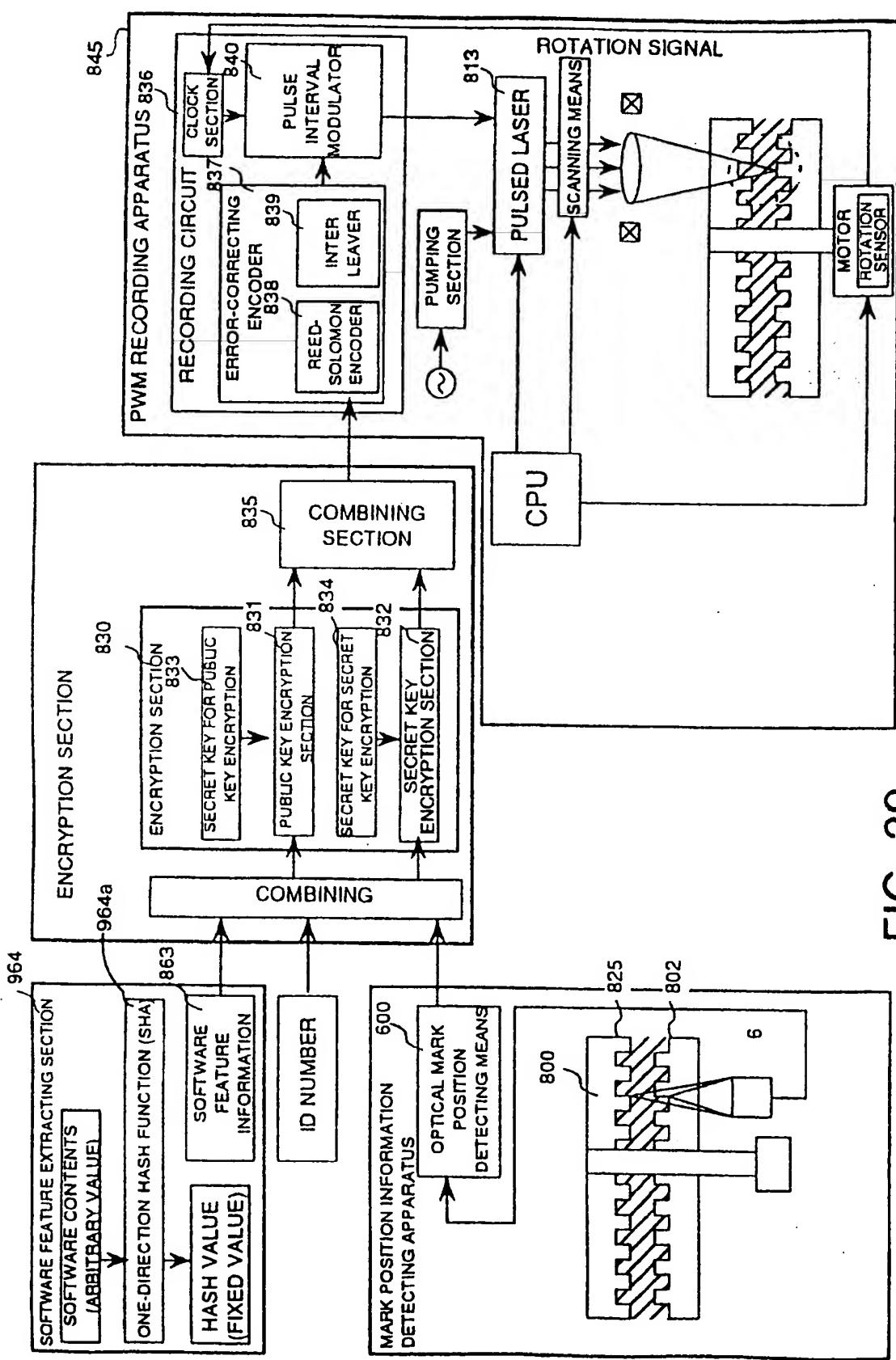
FIG. 25

FIG. 26



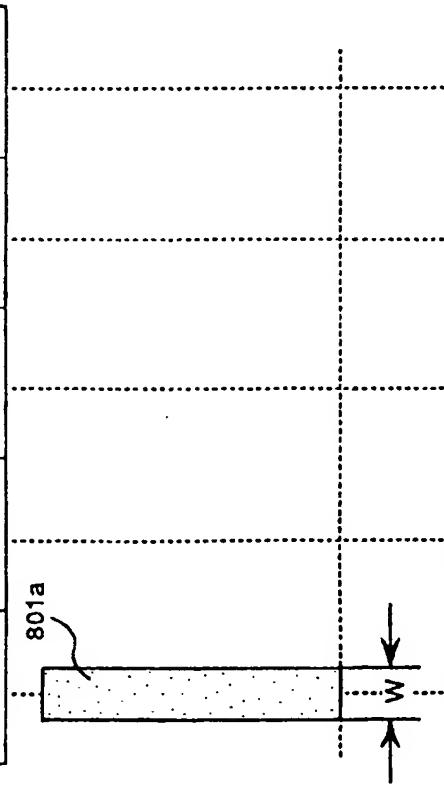






CODE CLASSIFIED BY PULSE INTERVAL, 4-VALUE PWM RECORDING

CODE	00	01	10	11
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BARCODE LINE WIDTH VERSUS RECORDING DENSITY 842

LINE WIDTH W (μ m)	PERIOD T (μ m)	RECORDING DENSITY μ m/bit	MAXIMUM RECORDING CAPACITY ONE RING	LENGTH OF 1 KBITS mm
1 μ m	2 μ m	2.55 μ m	56Kbit	2.5mm
3 μ m	6 μ m	7.5 μ m	28.2Kbit	5mm
5 μ m	10 μ m	12.5 μ m	11.2Kbit	12.5mm
10 μ m	20 μ m	25 μ m	5.6Kbit	25mm
20 μ m	40 μ m	50 μ m	2.82Kbit	50mm

$$1T = 0.13 \mu\text{m}$$

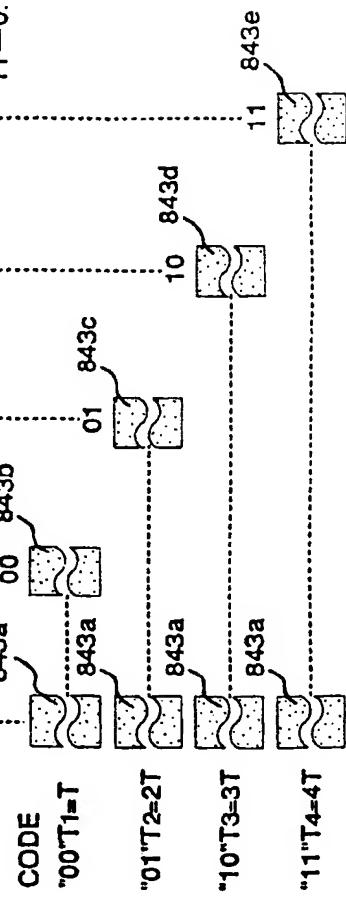
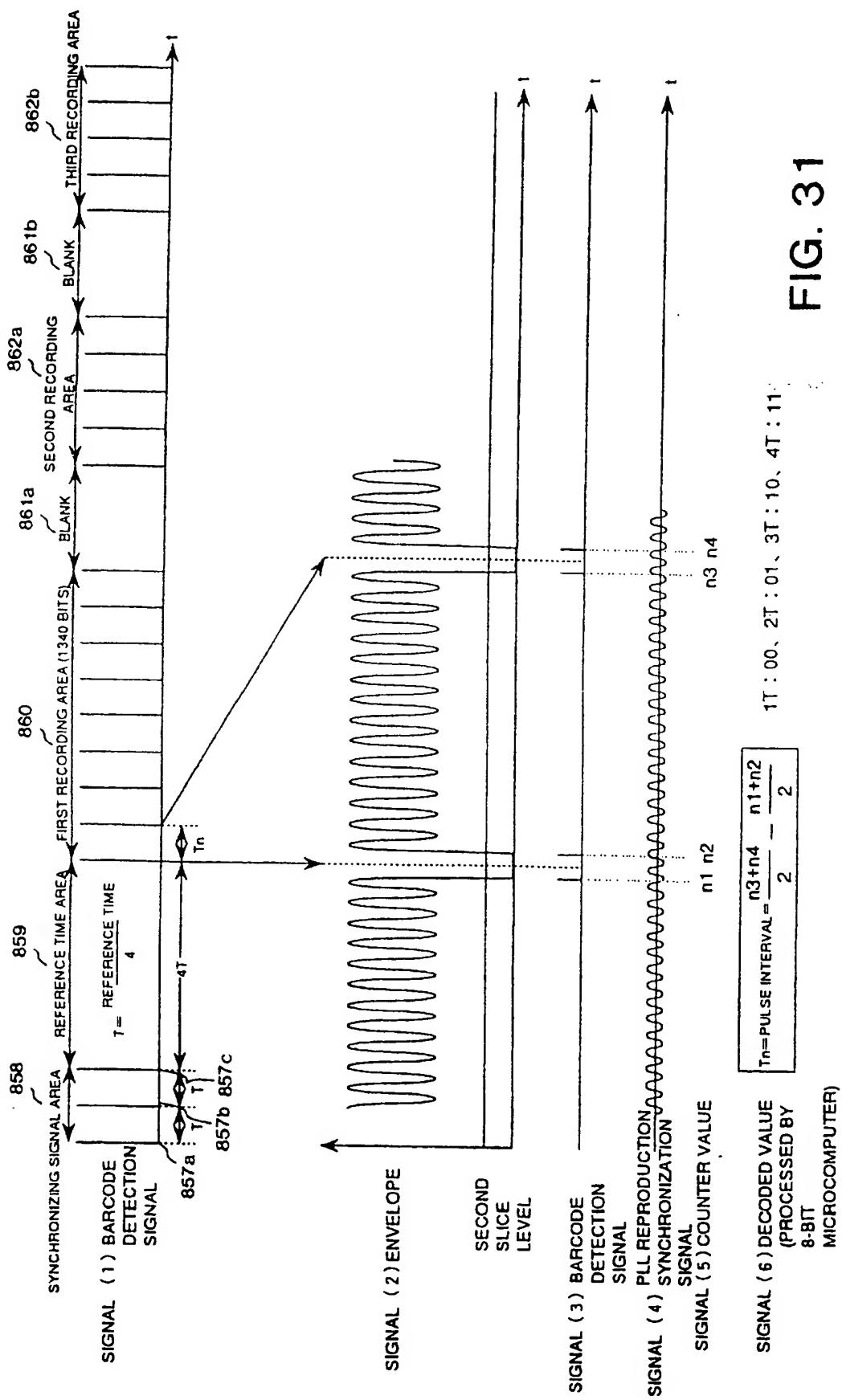


FIG. 30



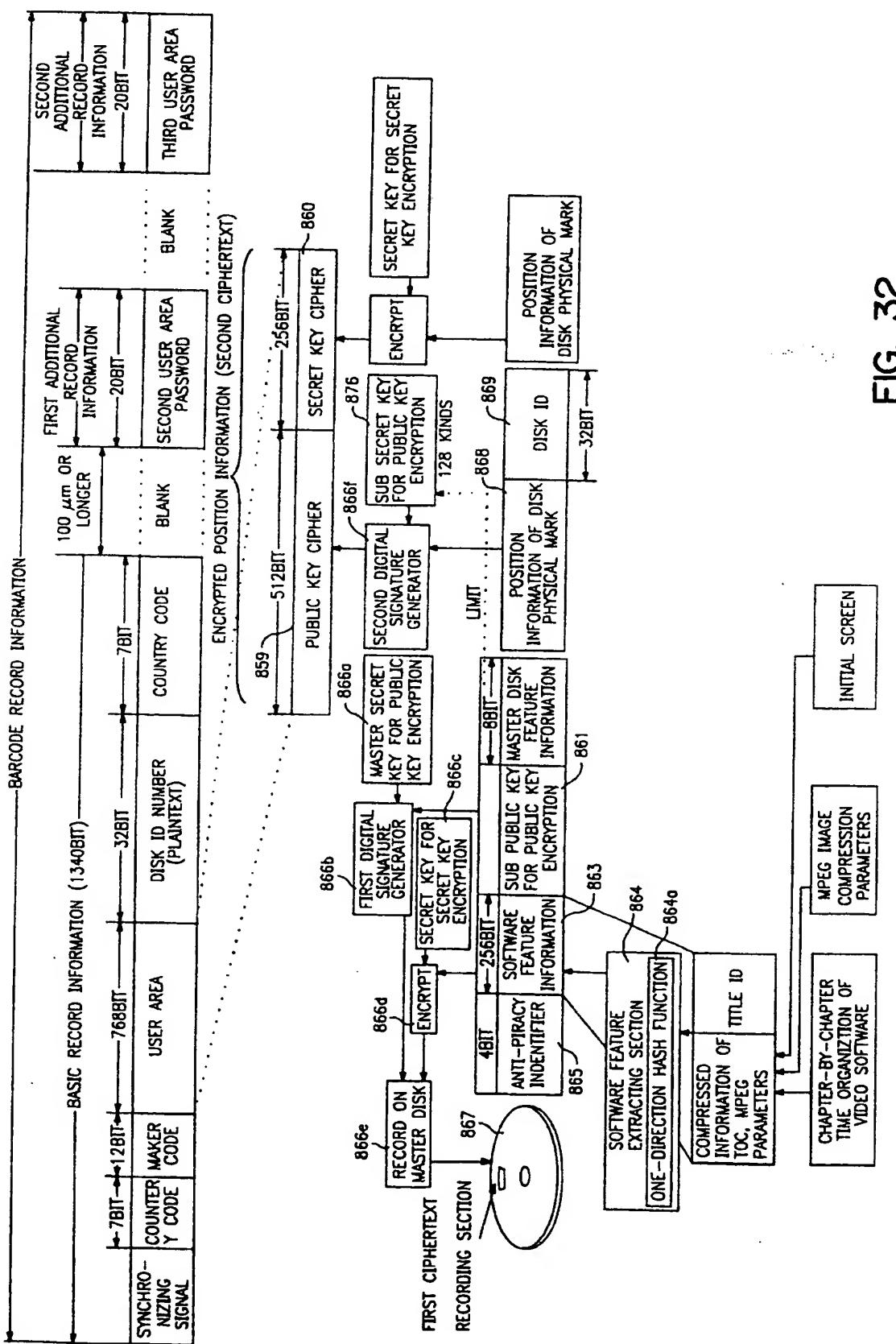


FIG. 32

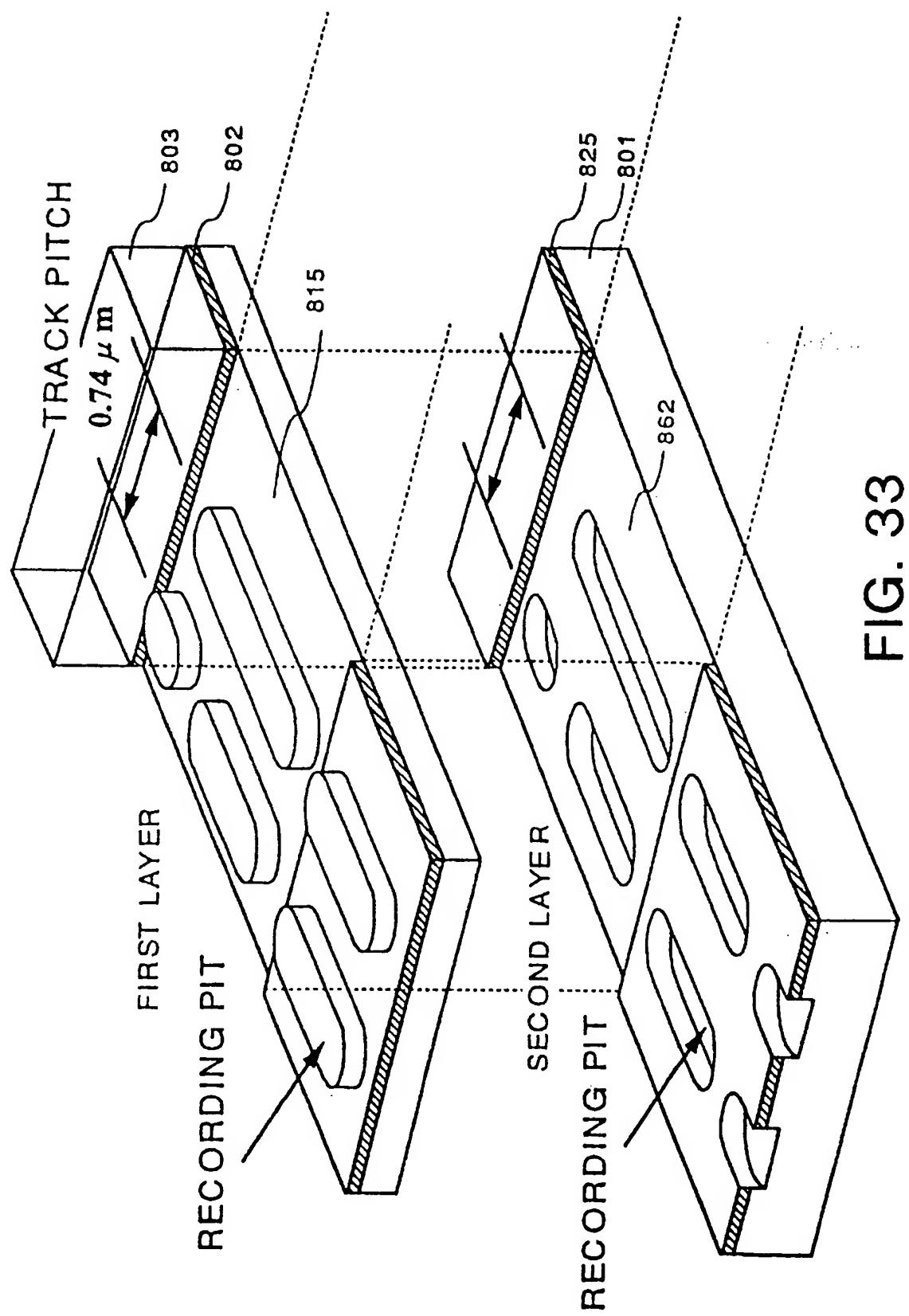
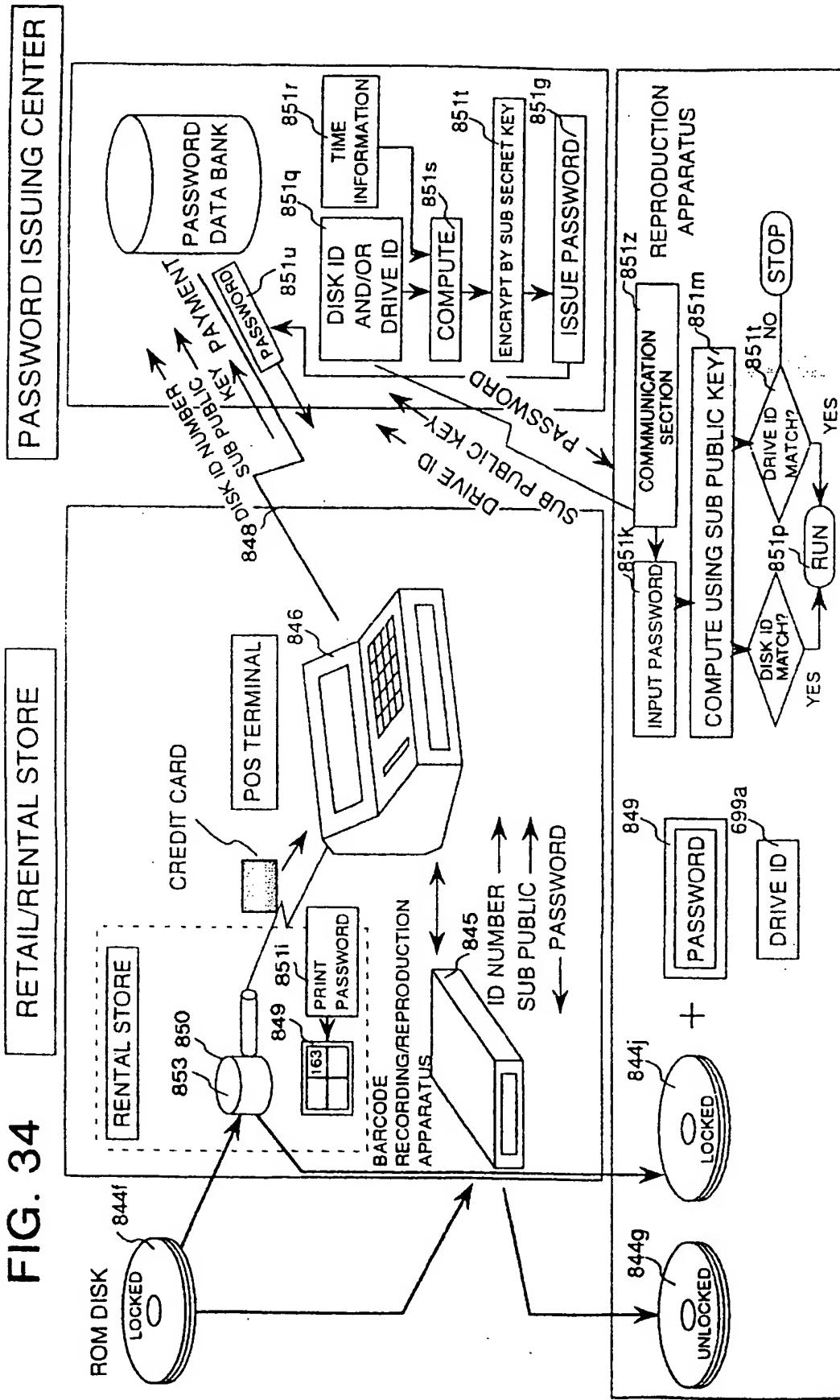


FIG. 33

FIG. 34 RETAIL/RENTAL STORE



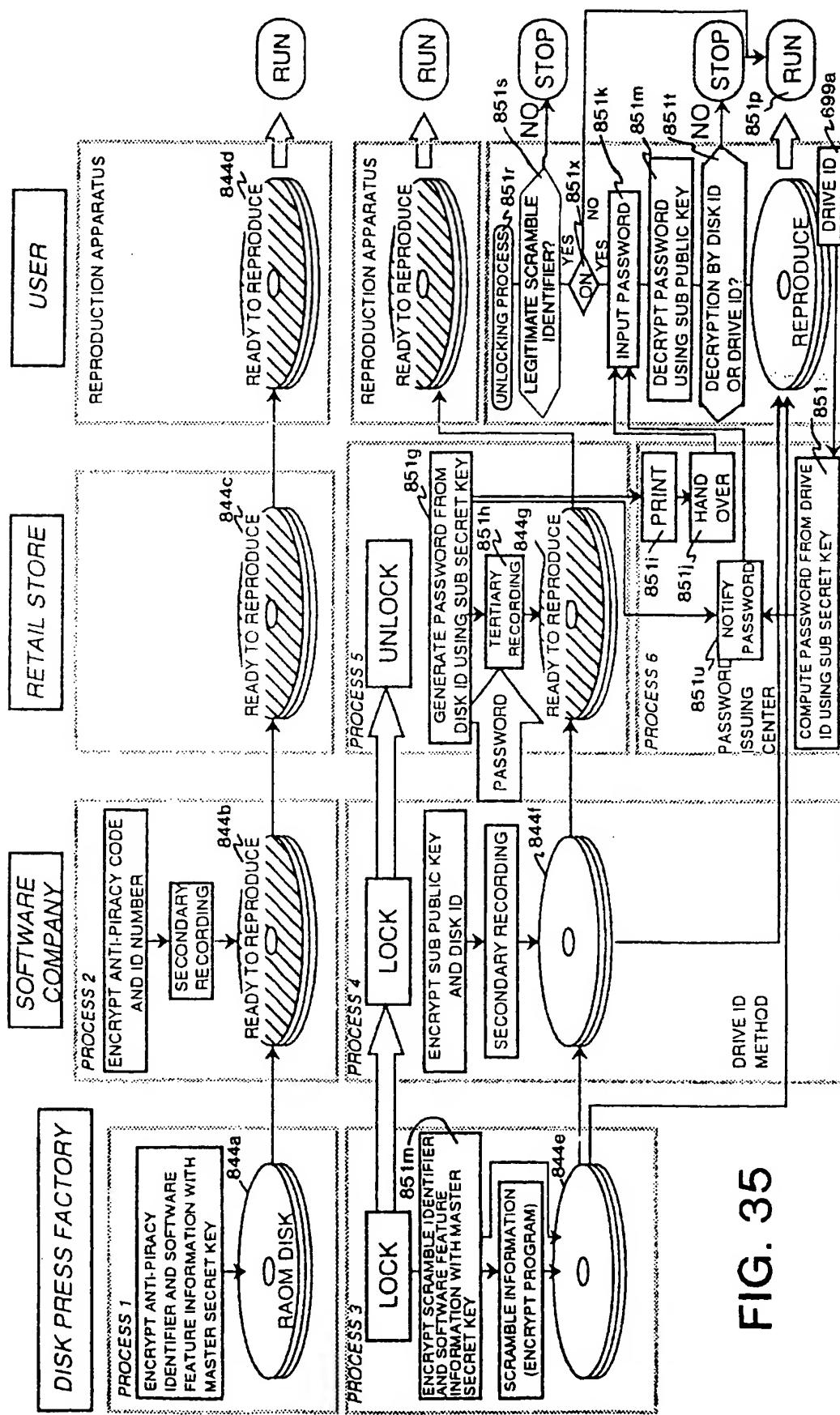
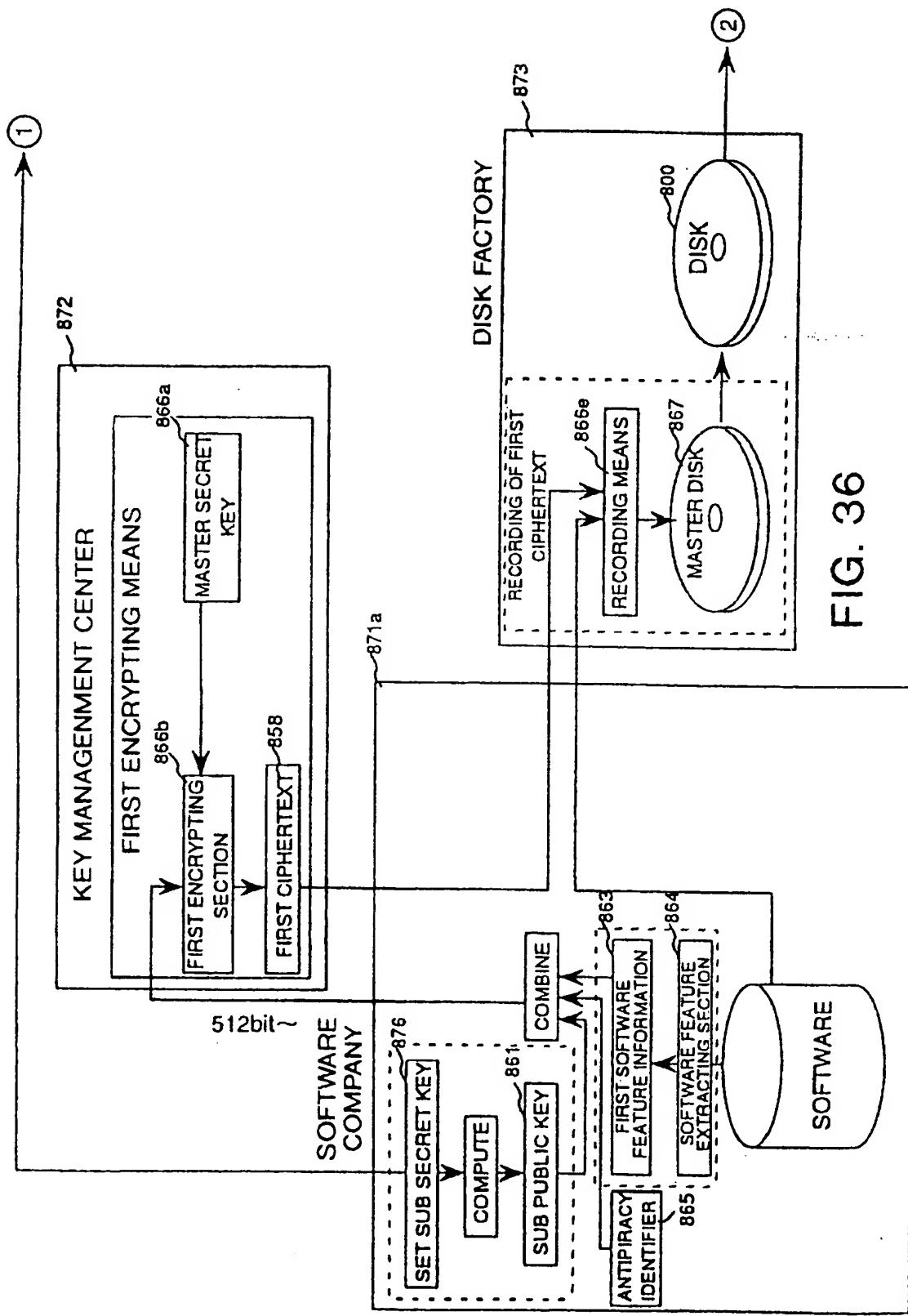


FIG. 35



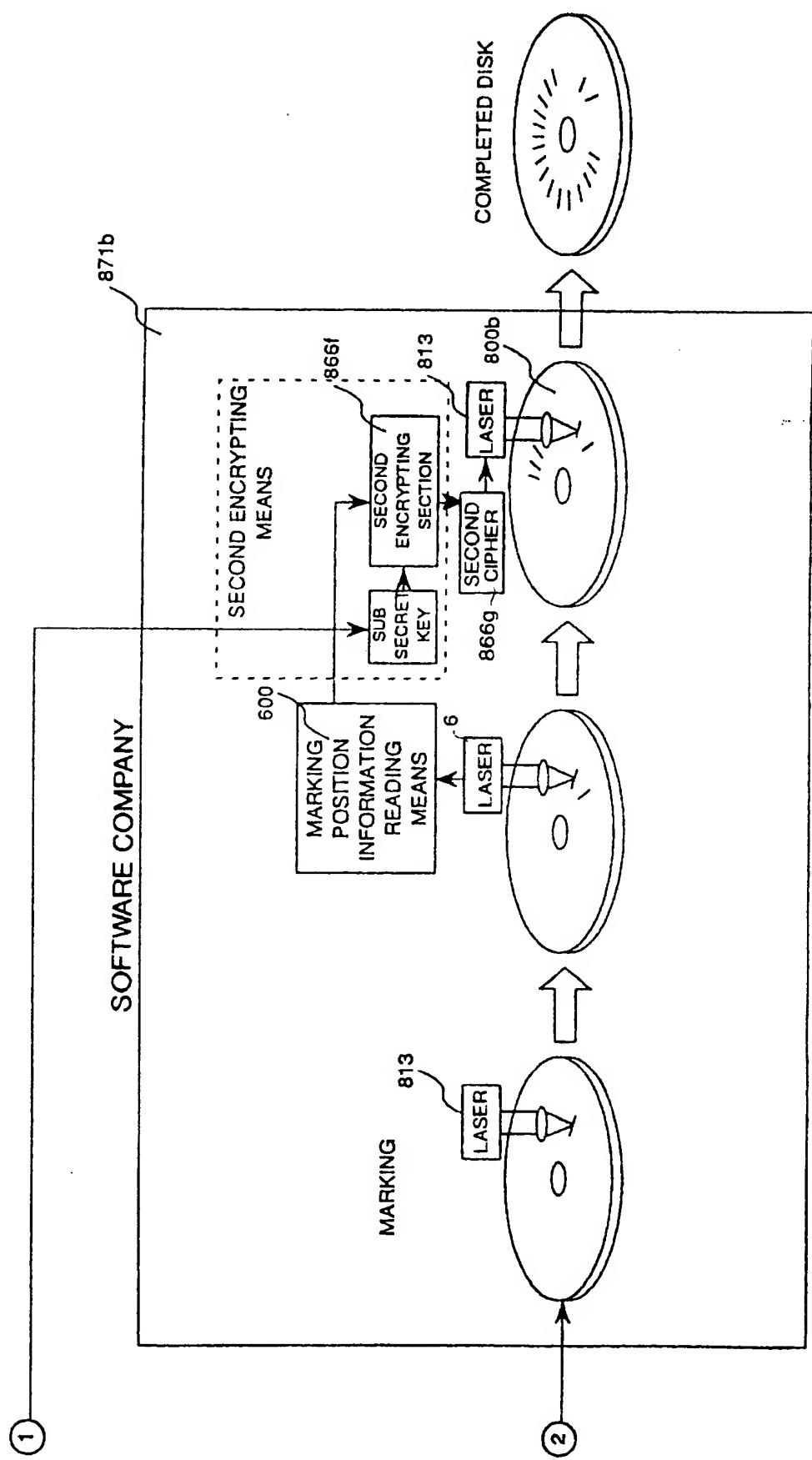


FIG. 37

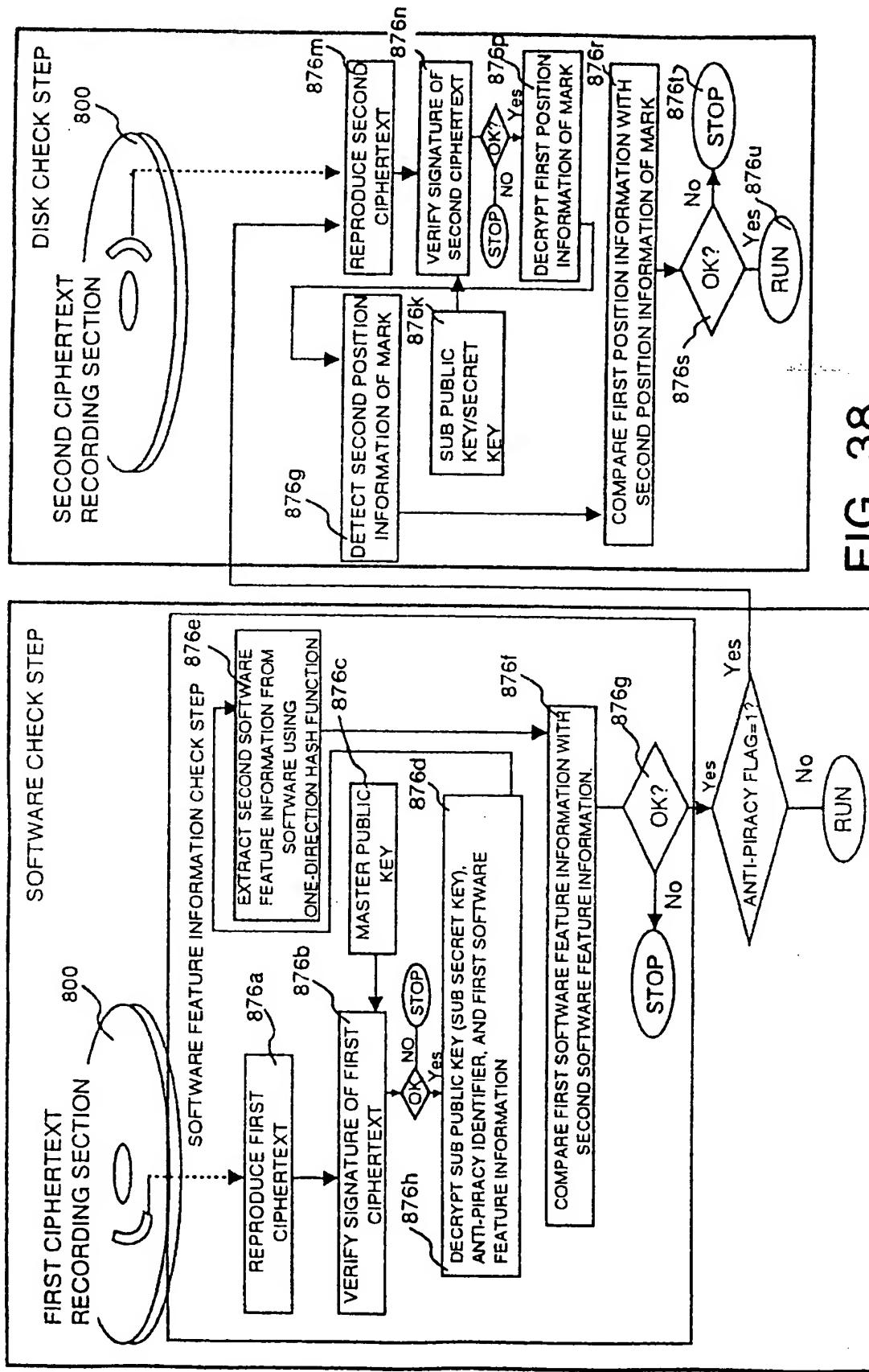
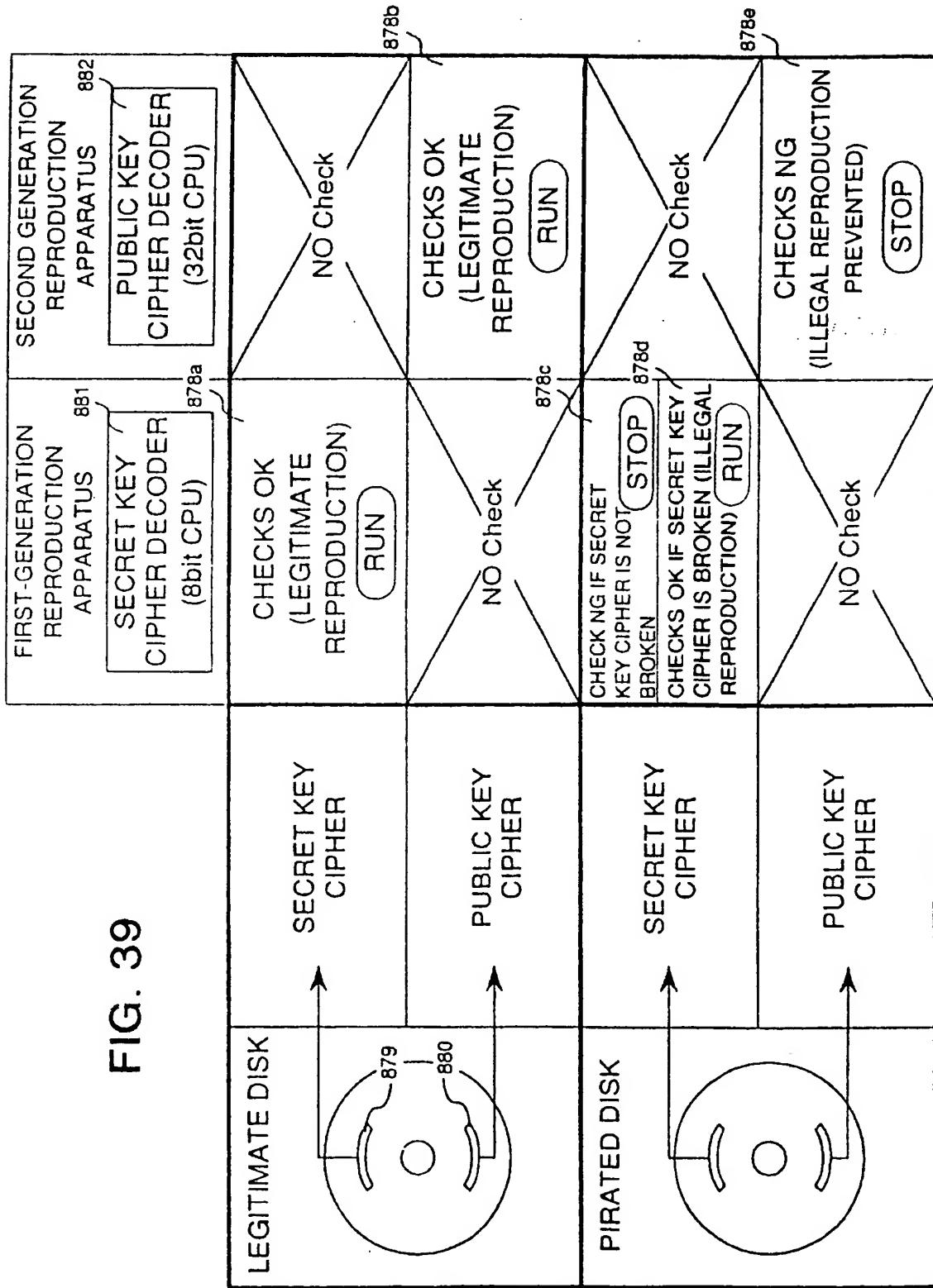


FIG. 38

FIG. 39



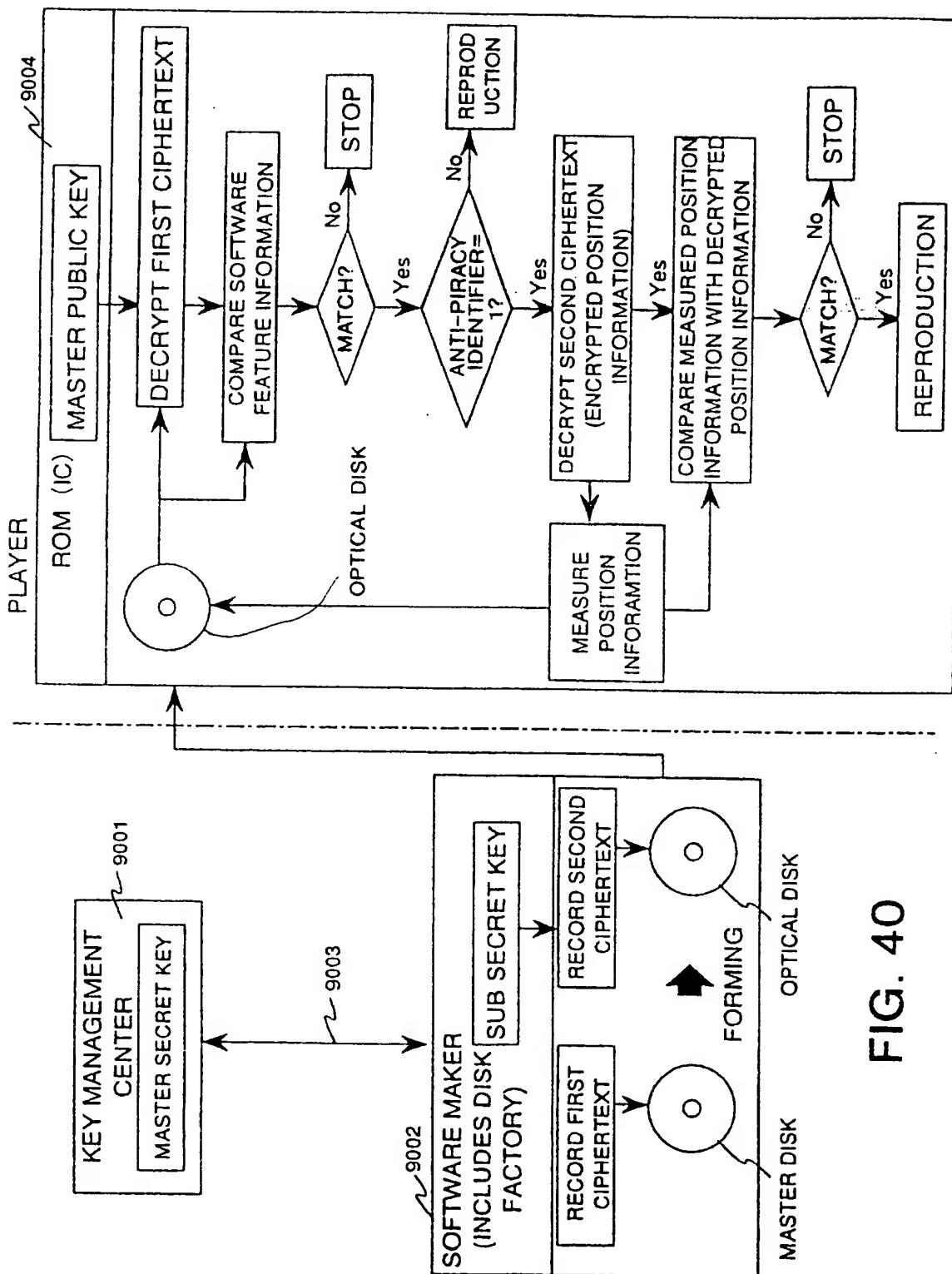


FIG. 40

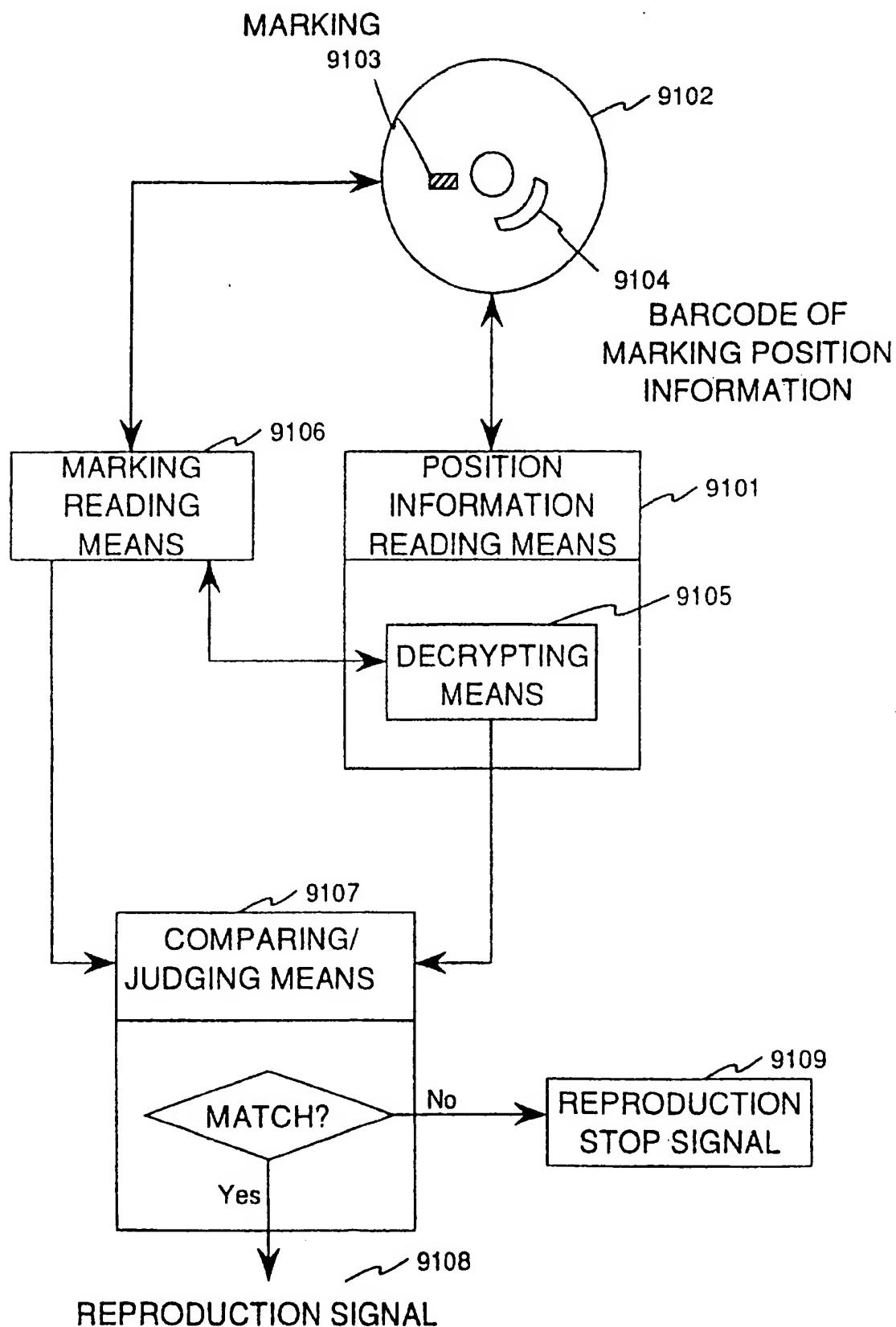


FIG. 41

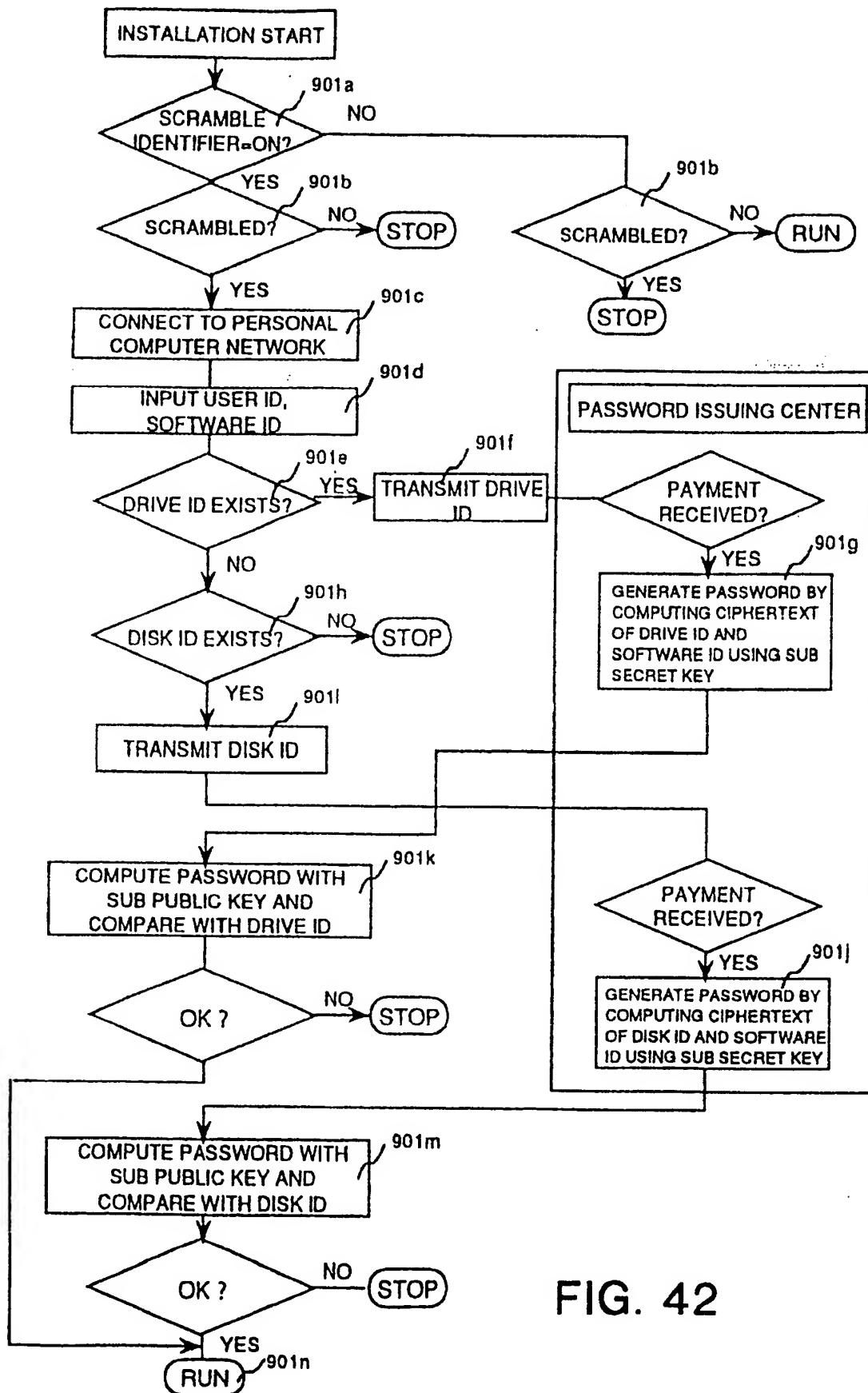


FIG. 42